

## SHOW CANDIDATES WILL GIVE SKITS BEFORE "MASQUE"

Everybody Invited to Attend  
Presentation Tonight In  
North Hall

## WILL CHOOSE BEST SKITS

Coach Will Select Cast, Chorus,  
And Ballet At Second  
Assembly Saturday

All candidates for Tech Show 1925 will present their skits this evening in north hall, Walker, at 7:30 o'clock. Everybody interested is invited to attend. At this time Masque, the Tech Show honorary society, will select the two best skits to be presented in New York City. One of these will be given at the Show smoker held by the Technology Club in that city, and the other will be presented at the annual banquet of the Alumni Association. By this procedure the show management hopes to arouse greater interest on the part of the Alumni and convince them that their attendance at the performance in New York will be worth while.

**Important Assembly Saturday**  
Considerable interest has been shown by the candidates for the show this year, and the management expects a large turnout when the skits are presented tonight. Should more skits be offered than time allows for, the remainder will be given tomorrow. None of the skits will take over 20 minutes. This system of having the candidates for cast, chorus and ballet show their ability by offering short skits was used in Tech Show previous to 1923. The skits may be of any nature, and may be based on either original material or parts of previous shows.

On this Saturday at 8 o'clock there will be an assembly in North Hall of all men who are candidates for the show in any capacity. Ned Wayburn, who has been engaged to coach the entire show, will be present at this assembly in person, and will practically make his final decision on the men who will take part in the cast, chorus, and ballet, as well as the understudies. As Mr. Wayburn will be unable to be present personally for a few weeks after that time, it is imperative that every candidate be present.

According to the present plans of the management, the show pictures will be taken in Rogers on January 18.

## MECHANICAL SOCIETY WILL SHOW PICTURES

A New Year's resolution will be kept this afternoon when the Mechanical Engineering Society will hold an industrial movie on the "Story of Rope" in room 5-330 from 4 to 5 o'clock. The society resolving to make this year the banner year of the organization and make the society bigger, better and more widely known.

This movie is the first of a series that will be run on different subjects for the benefit of the students, and will be shown every Wednesday afternoon at the same time, 4 o'clock, in the same room.

A picture the following week will tell the story of the manufacture of Monel Metal and titled "The Rolling and Refining of Monel Metal." On Dec. 28 the story of Carborundum will be shown on the screen.

## FRENCH COURSE TO BE TAUGHT BY PARISIAN

Raymond M. Treuil, an engineer graduate of the Ecole Polytechnique of Paris, will give a course of French Language this term. The class as it is now planned will meet three times a week, Tuesday, Thursday, and Saturday at 12 o'clock in room 2-136.

Directed conversation rather than an ordinary lecture is the aim of the class and rules and vocabulary will be studied according to the probability of their practical use.

The students will contribute to the choice of the subjects discussed which will be on current and modern topics. Paris and its activities, modern sports, aviation, travel and French and German industries are some of the topics mentioned as appropriate for discussion. Applicants for the course will leave their cards with Professor Langley of the Department of Modern Languages. The first class starts tomorrow.

## TECHNOLOGY REVIEW IS OF SPECIAL INTEREST

The January issue of the Technology Review, which will appear tomorrow, is of special historic interest in that it contains a story about the recent Eastman gift. In honor of the donor of this gift his portrait appears as frontispiece of the issue. The fact that R. H. Ranger '11 was responsible for the design and construction of the apparatus used in the trans-Atlantic radio transmission of photographs is noted, and some interesting pictures of his work are shown.

Two other Technology men are given recognition of their work in articles about the naval architect, N. G. Herreshoff '70, designer of famous racing yachts, and D. W. Douglas '14, who designed the airplanes that circled the globe. Dr. A. W. Rowe '01 has contributed an article describing the work now being carried on by the Institute to care for the physical well-being of the students.

An announcement is made of the merger of the present Bulletin of the Society of Technology Architects with the Technology Review. This arrangement will add a new and important department to the pages of the Review. In keeping with the popular craze there is a complicated cross word puzzle presented in the current issue.

## ALUMNI SECRETARY TO ADDRESS CLUBS

Dennison To Visit and Speak  
At Five Technology  
Club Meetings

O. B. Dennison '11, Executive-Secretary-Treasurer of the Alumni Association, left Boston last night on a trip on which he will officially visit and address several Technology Clubs at their meetings and dinners. He plans to visit four Clubs officially and one unofficially, the first four being the Clubs of Philadelphia, Washington, D. C., Baltimore, and Central Pennsylvania, and the last of New York. He will meet with the Technology Club of Philadelphia on January 7 at its regular monthly meeting.

**Professor Jack to Speak**  
On January 9 Mr. Dennison will visit and address the Club at Washington, D. C., which at that time will hold its annual dinner and meeting in the Hotel Lafayette. Other speakers at this meeting will be Professor J. R. Jack, head of the Department of Naval Architecture and Marine Engineering at the Institute, who will talk on "Merchant Shipping," and Commander S. P. Fullinwider of the Emergency Fleet Corporation, who will talk about the Emergency Fleet. On January 10, he will attend and address the meeting of the Club in Baltimore at the Engineers Club, and on January 12 will address the Technology Club of Central Pennsylvania at the Engineers Club in Harrisburg. Mr. Dennison will probably wind up his trip by visiting unofficially on January 13 the Club in New York at its regular monthly meeting.

## OPPORTUNITY FOR ALL TO VIEW SUN ECLIPSE

Special Train to Leave Boston  
For Westerly, R. I.

Students who wish to see the eclipse of the sun which is to take place on Saturday, January 24, will have a chance to view it at Westerly, Rhode Island, where the eclipse is total. The New York, New Haven and Hartford Railroad at the request of astronomers and scientists near Boston, and the Westerly Board of Trade, has decided to run a train from the South Station, leaving at 6 o'clock the morning when the phenomena takes place.

The path of the eclipse is between Providence and the northern part of New York City centering over New London. Professor Shapley of Harvard considers Westerly fully as good a vantage point as New London, however. Westerly is away from the edge of the shore and is more likely to be free of the fog that might obscure the eclipse at the water's edge. The Board of Trade has also provided a place for visitors to witness the phenomena.

Circulars giving the details of the trip will be available at the Institute today. Tickets can be obtained from the regular ticket offices.

## MUSICIANS BUSY WITH MANY PLANS FOR SECOND TERM

Pedometer To Decide the Lucky  
Guesser at Annual Winter  
Concert and Dance

## WILL BROADCAST SOON

To make up for the lack of the Christmas trip, the Combined Musical Clubs are starting the second term with plenty of plans to keep the musicians busy for the next ten weeks. The feature of the season, of course, will be the Winter Concert, which will be held in the Louis XV Ballroom of the Hotel Somerset on the evening of January 23. It is expected, however, that the inter-collegiate concert and dance which has been arranged with the Dartmouth Musical Clubs will run the Winter Concert a close race for popularity as a social event considering the clubs concert with Dartmouth last year.

As a new venture on the part of the management, the clubs have decided to initiate a little surprise for the Winter Concert goes. The surprise will be in the form of a donation of free couple tickets to the Dartmouth-Technology Concert and to the Spring Concert to the person who makes the closest guess as to the reading of a pedometer which will be carried throughout the evening by one of the men of the clubs. The pedometer will be set at zero at the beginning of the evening's program and the final reading will be the thread whereon hangs the fate of those who guess.

**Clubs to Broadcast**  
The clubs have decided to use the sign-up system again this year in the ticket sale for the Winter Concert. For the benefit of those who are not familiar with this system it may be necessary to explain that in buying a ticket by this method one does not pay the full price of the ticket at one time. The initial payment or sign-up will first be made at a set date and the same will be redeemed for the balance of the charge at another date. Sign-ups for the Winter Concert will sell at \$3.00 and may be redeemed for the same sum, making the price of a couple ticket \$6.00. Sign-ups will be on sale starting next Monday. The sale will take place in the main lobby from 11 until 2 o'clock every day next week.

Announcement has been made that the number of couple tickets to be sold for the affair will not exceed 250, while an allowance has been made for fifty stags. It has not yet been decided what the price of these stag tickets will be or how they will be disposed of.

The affair is scheduled to run from 8 until 3 o'clock, the concert lasting from 8 until about 9:30 and the dancing from 9:45 until 3.

(Continued on Page 4)

## STUDENT HELPS SAVE ENDANGERED PATIENTS

V. J. Weatherley '25 Assists At  
Scobey Hospital Fire

A Technology student, V. J. Weatherley '25, was one of the heroes at the disastrous Scobey Hospital fire which took place Sunday. Weatherley saw the flames and immediately entered the burning building by breaking in a skylight before the firemen arrived. The smoke and flames made it hazardous and difficult to find a way but Weatherley managed to assist in the rescue of several of the patients and made an attempt to save the single victim of the holocaust.

Weatherley had just led a child to safety when he discovered Miss M. Jenkins lying on the floor of her fourth story room. He picked her up and started to carry her to a window where she could be reached by the firemen, but she died in his arms before he was able to get her to safety. He continued his work, however, until all the patients had been rescued and the mushroomed condition of the building made it necessary for him to leave.

The fire started through the igniting of a Christmas tree and due to the inflammability of the building spread with extreme rapidity. A hospital employee delayed the arrival of fire apparatus for several minutes because of his ignorance of the method of turning in an alarm. Only the speedy and efficient work of Weatherley, the hospital attendants and other volunteer rescuers prevented many helpless patients from losing their lives.

## President Stratton Still at Washington

No plans for the return of President S. W. Stratton at present contemplating at the home of Dr. W. G. Morgan in Washington have been announced as yet. A letter received yesterday indicated that Dr. Stratton is continuing to recover his strength, but that it was not yet considered advisable for him to return to his post at Technology.

## ALL AVAILABLE ROOMS ARE LISTED BY T.C.A.

Under the supervision of D. C. Hooper '26, manager of the Room Registry Division of the Christian Association, accommodations on file have been brought up to date and the exact number of rooms obtainable by students at the Institute ascertained. About a day and a half of the vacation was spent in doing this, but the results will greatly facilitate the picking out of the sort of room desired by a student.

It was found that there are available seventy-one single, sixty-three double and three triple rooms, making a total of one hundred and thirty rooms accommodating two hundred and twenty-six men. In the main three groups of men will be accommodated this term; transfers from other colleges, men returning who were not here last term, and men changing rooms.

## SONG COMPETITION ENDS JANUARY 15

Five Year Competition Started  
In 1922—\$200 Awarded  
Every Year

In order to give the Alumni a chance to enter the Technology Prize Song competition, the committee has decided to extend the time limit until January 15. All songs which are to be entered should be turned in at Professor Pearson's office, room 2-285, on or before that date.

Any Technology student or alumnus is eligible to enter the competition, which began in 1922 and will continue for five years. A prize of \$200 is awarded for the song chosen each year, and in addition the writer of the best one of the five songs will receive a silver cup at the close of the contest. It is desirable, although not required, that the music be original. The words, however, must be new and pertain to Technology.

## Need Not Be Alma Mater Song

In previous years the song has been sung by the Glee Club at the Spring Concert and also between the acts of Tech Show. The purpose of the competition is to get a song which will be popular enough to take the place of the Stein Song, but it will not necessarily become Technology's Alma Mater song unless it is the wish of the alumni and students that it should. At the same time it is hoped that these five songs will be added to the present small list of popular Technology songs.

Members of the Technology Prize Song Committee which will make the decision are Professors H. G. Pearson, Bowman and MacKinnon, and Austin Cole '25.

## TECHNIQUE IN NEED OF INFORMAL SNAPS

Plans for the annual issue of the Technique are rapidly nearing completion and the subscription books will make their appearance within the next few weeks. Informal snaps of any student, all students, or parts of any student is urgently requested by the managing board.

According to the board, these informal snaps of the students are the real need of the year book at the present time as a great many pictures are needed in the different department sections. Without snaps the book would be a lifeless carcass and would not reach the high peak of interest that the books of late years have reached in the minds of the students. All pictures are to be sent immediately to the Technique office with the names of the student or students in the picture and the name of the student who owns it so that the picture may be returned to the owner.

## ADVISORY COUNCIL PASSES NEW RULE FOR COMPETITION

Council Feels That Holders of  
Degrees Should Not Be  
Eligible

## NO VARSITY BASEBALL

Conditions At Institute Do  
Not Warrant a Team at  
Present Time

At a meeting of the Advisory Council on Athletics held at the Engineers Club last night the new eligibility rule was brought up and passed. The rule reads "An Athlete shall not represent the Institute if he holds a degree or is a graduate of learning of collegiate grade, or if he is a candidate for an advanced degree at M. I. T." This rule does not go into effect until the beginning of next term, so will not apply to men in competition this year.

At the beginning of the meeting it seemed as if this rule was destined to fail, but largely through the efforts and logic of Dr. A. W. Rowe '01, Secretary of the Advisory Council, the rule was finally passed. According to Dr. Rowe, this allows the Institute to compete with other colleges under similar rules. Dr. J. A. Rockwell '06, Chairman of the Council, observed in this connection that it may come to pass in the not far future that it will be necessary for Technology to pass a rule similar to that in effect in the Big Three. Under this rule it is impossible for transfers from any other colleges to compete in any sport in the college to which they transfer.

The second important subject taken up at the meeting was a discussion on a Varsity Baseball team in the Spring. This was discussed at length by the Council and W. H. Robinson, President of the Class of 1924, and L. E. Bannon '27, representing the student body. According to Robinson, he felt that owing to the lack of facilities at the present time suitable for a Varsity Baseball team, it seemed expedient to drop the subject at this time. He argued that without any facilities to equip and maintain a team that it would not be a success. A failure in the first year of a sport, he argued, would kill it for a number of years to come and he

(Continued on page 4)

## LOSSEZ WILL PLAY AT INFORMAL DORM DANCE

First Affair of Season To Be  
Given Friday, January 16

The Dorm Dance Committee has evidently got the jump on Uncle Horace, for the posters announcing the first hop of the term were much in evidence as they greeted the returning student body. According to the placards, the first informal Dormitory Dance of the second term will be given on Friday evening, January 16.

Tickets for the affair have been limited so as to keep the attendance down to 250 couples. The tickets will be on sale all next week in the main lobby from 12 until 2 o'clock at \$2 per couple. As far as is known, there will be no stag tickets sold, since it has been the policy of the committee this year to allow no stag tickets.

Billy Lossez and his Orchestra will play from 8 till 12 o'clock at the dance. The orchestra has played at several Technology functions in the past, notably the Senior Prom of 1924.

## CALENDAR

**Wednesday, January 7**  
4:00—Mechanical Engineering movies in room 5-330.  
5:00—Tech Show Orchestra rehearsal, Walker.  
**Thursday, January 8**  
3:00—T.C.A. Executive Committee meeting, back office.  
5:00—Track meeting, room 10-250.  
**Friday, January 9**  
4:00—Physical Chemistry Lecture, Room 4-221.  
5:30—Musical Club's Technique pictures, Notman's Studio.  
**Saturday, January 10**  
5:00—Handicap Track meet.  
**Friday, January 16**  
3:00—Aldred Lecture, Room 10-250.  
8:00—Informal Dorm Dance, Walker.

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Official News  
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Undergraduates  
of Technology

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\* Leave of absence.

In Charge of This Issue: Charles Rich '26

THE TRUTH OF THE MATTER

THERE is a rumor going the rounds that the faculty, through various personages, has expressed itself of the opinion that the efforts of the student body in opposing the two term plan were bunglingly ineffectual and misleading.

That the student body failed to obtain consideration is history, but it is also as accurately true that lack of time prevented the proper gaging and sounding of student opinion so that it could be presented in telling form. Therein lies the reason that only referendums of the transfers and the fraternities were taken. What happened was that the students were informed of the proposal by mere heresy and awoke too late to find themselves faced with a change they did not relish, approve, or conscientiously see any good in.

The discussion could continue ad nauseum, but suffice it to say that anyone familiar with actual conditions in the student body can unhesitatingly attest to the contention that student opinion is overwhelmingly opposed to the change which the faculty, by a decidedly divided vote, has endorsed.

This is said to clear up any misconceptions which involve the idea that the students did not oppose the change, and to stamp as erroneous the expressed belief that student opinion was misrepresented by a minority. If ever some choice spirit attempts a historicity of the existence and effects of student opinion in the educational system, let it be writ for him that in this case student opinion surged with almost unanimity, but its effect was weak because there was not sufficient time for expression.

THE GENEROUS ADVISOR

NOTHING is quite so heartening to a student as to be given a good send-off by his course advisor. An encouraging word, a humanitarian attitude adds immeasurably to the morale of the student.

We knew of one case where the gruff attitude on the part of an advisor practically destroyed the confidence of a transfer who was a new-comer. On the other hand, we know of other cases where men have been greatly helped and urged on by advisors with a humanistic personality.

In the final analysis the real value of a man lies in his humanity, and the highest pedagogic traits is that of being capable of awakening in the student an inspirational desire for attainment. One of the greatest teachers America ever had—G. Stanley Hall—achieved his effects through the magic appeal of his personality.

WHY HONOR SYSTEMS FAIL

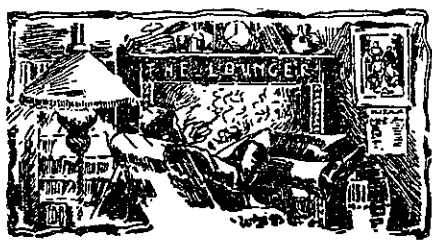
INSTANCES are so numerous of the failure of honor systems that it is worth while to inquire into some of the causes which are mainly responsible. Students too often assume the fallacy that faculty opposition and non-support underlies the lack of vigor and ineffectuality which too often characterize ambitious honor systems.

The real trouble lies with the students—with the governing students. In the majority of cases they loose the proper perspective in administering discipline and act unwisely and impetuously. They fail to discriminate between the importance of different breaches. They attempt to practice the obsolete and childish morality which holds that a minor violation, that a half untruth, is as serious as a greater illegality.

The psychology behind this is the youthful desire to shine and the untimpered inexperience of the legislators. If an honor system is to be applied effectively and permanently, the administering students must realize that they cannot expell promiscuously, that they cannot ruin the career of a man over a triviality, that they cannot make a mountain out of a mole-hill and in doing these things retain the confidence and support of the students under the system.

When this confidence and support is lost, the minute the general file of the students becomes antagonistic, the power of the honor system is doomed. Let it not be understood that the honor system is held in disrepute; it is invaluable in the education plan. It is its administration that needs censure and improvement. Should at anytime such a plan come into use at Technology it is hoped that wisdom and temperance will be observed in its administration. Those departments in which it has been and is being tried deserve the highest commendation and the trail that they have blazed is the route to a finer student body. We hope unwise and thoughtless acts will not endanger the efficacy of what invaluable honor system we have in our midst.

THE TECH takes pleasure in announcing the election of C. E. McCulloch '26 to Sports Editor and H. F. Howard '26 as Night Editor.



The Lounger has a belated gift list that he thinks very appropriate at this season. It has to do with the needs of some of those in the Institute community, as well as some of the organizations. Notra bene:

To the president of the Senior Class—an Institute Committee; to Tech Show—a chorus that is not nauseating; to the student body—a hair cut; to the swimming team—a swimmer; to the Progressive Club—a bottle of ether; to a majority of the instructors in the applied department—a bit of humanity; to the instructors of the Math department—a visit to a musical revue; to the VooDoo—a humorous inspiration; to the unfortunates in Heat 242—cross word puzzles distributed in class; to the dorms—a thief to lynch; to the student body—no terms at all; to the Tech men a la Harvardonian—a silver cork screw. These are just a few of the gifts that the Lounger thinks would spread good cheer among us, and the giving of them would be the best of charity. How about it?

People certainly are full of ideas! The latest that has come to the ears of the Lounger is a suggestion to abolish the Christmas holidays on the grounds that men take a couple of weeks to recover from the effects of the parties and so on. The Lounger admits that it will take him a while to get over his vacation, but if he had not had it, he would be in all probability locked up in a padded cell. After weeks of study, which he takes so seriously and intensely, he needs the rest. He sees the wisdom of the proposed step, however, and begs leave to point out to the sponsor of this new and efficient plan another evil that has apparently been overlooked. Students are invariably groggy during the lectures immediately after lunch. It is terribly hard to keep awake on top of a heavy meal. Therefore, why not cut out the midday meal? Think of the increased efficiency! The brain, now befuddled with food would then act like a steel trap. Why not cut out vacations and lunches? Efficiency above all!

The Lounger notes with interest that the Mil Sci department has found a new occupation for its resourceful sergeants. The other day one of them was seen navigating a baggage truck about the Institute with nothing but a bottle of milk reposing in uncertain equilibrium on it. A milk wagon would really have been more appropriate, but the Lounger supposes that is asking too much.

Evidently the Technology Review is "skeered" that THE TECH will get the jump on them in up-to-date appeal to the reading public, judging from the fact that a "complicated" cross word puzzle is a appear in the issue which comes out tomorrow. The Lounger is all agog to see just what the "complicated" promise will mean, and he is almost inclined to believe that his curiosity will actually compel him to buy a copy of the Review, unless he can bum a copy off somebody else.

The Lounger actually saw a fellow the other day who got a good necktie for Christmas. It really wasn't a miracle, however. The truth was that the necktie he had received as a present was defective, so he had exchanged it and picked himself out a really good one. All the Lounger's Christmas neckties were defective enough, from his point of view, but not enough from the store's point of view to be returnable. There ain't no justice (or any Santa Claus, either)!

With his eyes still heavy from sleep lost during the recent vacation, the Lounger is inclined to wonder which is or "enjoying" a modern vacation. It's or "enjoying" a modern vacation. It's bad enough now to try to get down to business, but Ye Gods! think what it will be like when we have to start grinding for mid-terms right after Christmas!

Play Directory

COLONIAL: Earl Carroll Vanities. Second edition. Much the same and largely Joe Cook.  
COPLEY: "The Hottentot." Reviewed in this issue.  
HOLLIS: "China Rose." Charming Oriental operetta. Last week.  
MAJESTIC: "Dixie to Broadway." Colored Review back again, still featured by the agile Florence Mills.  
PLYMOUTH: "Cobra." Just that.  
ST. JAMES: "The Whole Town's Talking." Surprisingly funny presentation of a side-splitting farce.  
SELWYN: "In the Next Room." Good.  
SHUBERT: Hassard Short's Ritz Revue. Reviewed in this issue.  
TREMONT: "Be Yourself!"  
WILBUR: "Expressing Willie." Reviewed in this issue.

AT THE PLAYHOUSES

"EXPRESSING WILLIE" IS CLEVERLY WORKED OUT

Both the dialogue and the situations of "Expressing Willie" at the Wilbur are cleverly worked out and very funny. One of the most amusing shows that has come to Boston for a great while. It is a story of a "mother-made-man"—a chap whose success in business is due entirely to the urgings of his maternal parent. His egotism has increased with his fortune until he believes himself above his former friends, and on a level with the most ultra modern of those free thinkers who have soared to a plane far higher than that of this world with all its sordid wealth. These same free thinkers, by the by, do not consider it beneath them to accept the hospitality of the wealthy Willie, nor to take a try at fortune hunting now and again.

To expose the insincerity of this crowd of parasites, Willie's mother invites an old sweetheart of his to a week-end party, who by her naive manners is to save Willie, about to fall for the liberal ideas. The poor girl, a country music teacher, is so embarrassed as to be almost painful to the audience. Tallafiero (Wm. P. Carleton) a talkative painter with an eccentric manner, and a desire to separat Willie from a bit of his money, soon converts Minnie, the unsophisticated music-teaching little country girl to free thought. After one or two well placed, if insincere, compliments, Minnie is a confirmed free thinker. With the childlike enthusiasm of an awakened soul, Minnie goes to Willie's room one night to try to convert him to the liberal way of thinking. In the midst of the heated discussion that follows, in drops an adventurous divorcee another disciple of free thought, who also hopes by her physical charms and honeyed words to convert poor Willie by this time almost distracted. In the terrible scramble that follows when the whole affair is made known to the other house guests, Willie soon becomes disgusted with it all and finds that Minnie fills the bill as a wife better than the smoking, drinking, gushing modernists.

Mrs. Hale, as Willie's mother, plays her part very well indeed, her gestures and expressions making every line tell. She is genuinely humorous. Mr. Sterling makes a fine Willie. Frank, open boyish, yet endeavoring to appear deep trying to make others think him a great man for his commanding personality and not for his money. Mr. and Mrs. Cadwalader (Mr. Williams and Mrs. McIntyre respectively) are most amusing. Miss Herne, as Minnie, is very clever, acting her part so well that her discomfiture is so painful as to make the audience pity her rather than laugh at her. Very realistic; most amusing W. A.

SNAPPY COMEDY BILL AT COPLEY THIS WEEK

Victor Mapes' farcical comedy, "The Hottentot," despite its time worn lines is charming large audiences at the Copley Theatre this week. Mr. Clive, in directing the performance, has chosen to introduce an English atmosphere, but aside from this the comedy is exactly the same as written by the author years ago.

Having been confused with a famous English horseman of the same name, Sam Harrington (E. E. Clive) develops an enviable reputation as a rider and incidentally wins the love of a girl, Miss Peggy Fairfax played by May Ediss. Complications arise when Harrington is requested to carry Miss Fairfax's colors in a steeplechase. Numerous plots to prevent his riding fail and finally the impossible is accomplished when he rides in the race and wins the

cup for his lady love. Of course all ends happily.

Mr. Clive deserves commendation for his interpretation of the Sam Harrington role and has the audience rocking with laughter throughout the evening. Miss Ediss gives an excellent performance in the leading feminine role but several of the other parts are excessively overdone. It is a very entertaining performance on the whole, and one which is guaranteed to bring a smile at least from the most downcast soul. C. E. M.

RITZ REVUE SPARKLES WITH GORGEOUS SETS

A very good show that most of us have missed on account of the holidays is now playing at the Shubert. The "Ritz Revue" is a cleverly staged review of a somewhat unusual type. Its first claim upon one's interest is the fact that it has Charlotte Greenwood to amuse people with her well known long and lanky legs. At the outset the audience is told that there are no foreigners in the cast. Somewhat later on there is a French skit that is most amusing, but which contradicts the all-American boast. The French was over the heads of most of the audience, but the pantomime was sufficiently good to keep them laughing.

One scene that appealed most strongly to those who have had trouble with crossed wires shows what a great amount of scandal the average telephone girl hears while trying to put through calls. It is a daring expose of New York life. The situations are just true enough to real life to drive them home with a punch. The witty conversations and the well placed comments of the operator were screamingly funny. Everything from the Klu Klux Klan to the mad social whirl with its divorces and other little pastimes came in for its share of the humor.

The settings were very effective. Some of them were pretty, artistic, striking; others were glaringly gorgeous. Some of them took quite a while to set up, giving the comedians an opportunity to do their stunts. Some of

(Continued on page 4)

**The FENWAY**  
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# WINTER TRACK CAMPAIGN STARTS TOMORROW

## PUCKSTERS PLAY DARTMOUTH AT HANOVER SATURDAY

### Running Enthusiasts to Rally In 10-250 Tomorrow for Season Starter

Tomorrow afternoon at 5 o'clock track will knock off the lid with a bang when Coach Os Hedlund and Tom Connors get up to start off the winter track season in room 10-250 by telling the track aspirants what they plan to do with the winter. And they plan to tell a lot, and in a few words, for the management has arranged a schedule that is nothing if not the best obtainable. Harvard Relays, B.A.A. games and about five others constitute an indoor season that will prove highly interesting to the exponents of the running game. Incidentally more men are wanted out for the sport to fill up the weak spots in the team for the mentors want a crackerjack team to represent Technology this year.

Prospects are promising and the men are rounding out into good form in good shape. With the first meet, the Harvard Relays on the 21st of the month there is still a great deal of work to be done if a team is to be turned out that can run away with the competition at those games. Bateman, Weibe, Leness and Jeppe are men that will form a fast nucleus for a mile relay team. There is going to be a stiff fight in this event as is always the case so Os is all on edge to whip a squad into shape capable of giving the best a run for their money.

**Handicap Meet Saturday**  
They will tell you better at the meeting tomorrow how things stand but they can't if only the "old faithfuls" of the track crowd show up. What they want is new men; for in them they place the hope of developing some new star who can count up points for the Cardinal and Gray. Just at present the sport is in woeful need of that kind of material for there are some events with only one or two men in competition for positions. That means no competition at all for how could there be? Now, that leaves a chance for a large group of new fellows to break into the limelight and there is no better way than to come to the rally tomorrow and find out what it is all about.

Transfers who are ineligible for varsity competition will be given the same training as the regulars this term according to the management. They propose to train and coach these men and enter them in all the meets. The only difference between them and the Varsity is that they will run unattached. If ever there was opportunity thrust under a man's nose it is in this case for with this carte blanche a man otherwise ineligible will be able to go into competition thus keeping into tip top condition until such time as he is eligible and ready to carry the colors of Technology to the fore against other schools.

Saturday the coaches have scheduled the fifth handicap meet of the year which will make a fitting opening for varsity training. One might say it is another opportunity for it is a big one and leads to "bigger things" as the saying goes. The events will be the regular ones run off in the former meets, only this time the 35 pound weight will be included. Following is the list of events: 50 yd. dash; 300 yd. dash; 600 yd. dash; 3-4 mile; 45 yd. hurdles; high jump; pole vault, shot put and weight.

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### How They Stand So Far

|   |  |
|---|--|
| (Point Score of 4 of the Handicap Series of Ten meets.)   |  |
| <b>High Jump</b>  |  |
| Fort, 13; Knight, 9; Browning, 9; Celett, 5; Pease, 5; Steinbrenner, 1.   |  |
| <b>Shot Put</b>   |  |
| Brodskey, 12; Churchill, 5; Drew, 3; Weibe, 3; Cheney, 3; Green, 1; Jackson, 1; Miller, 1.  |  |
| <b>Hurdles</b>  |  |
| Collins, 13; Guerin, 10; Mitcham, 5; Steinbrenner, 5; Ware, 4; Fitzpatrick, 3.  |  |
| <b>Broad Jump</b>   |  |
| Fort, 5; Collins, 3; Barnes, 1.   |  |
| <b>Javelin Throw</b>  |  |
| Cheney, 5; Brodskey, 3; Field, 1  |  |
| <b>Middle Distance</b>  |  |
| A. C. Warner, 7; Kauzmann, 6; Tonry, 6; Leness, 5; J. P. Warner, 5; Fitzpatrick, 5; Stephenson, 4; Thomas, 4.                     |  |
| <b>Hammer Throw</b>   |  |
| Drew, 6; Holmes, 6; Green, 5.   |  |
| <b>Pole Vault</b>   |  |
| Gray, 11; Jack, 9½; Hallihan, 7½; Barnes, 5; Guerin, 5; W. Howard, 1; R. Howard, 2.   |  |
| <b>Sprints</b>  |  |
| Porter, 13; Stephenson, 5; K. E. Smith, 5; Maggio, 5; Weibe, 4; Steinbrenner, 3; Miller, 3; Fitzpatrick, 2; Schartz, 1; Brown, 1. |  |
| <b>Distance</b>   |  |
| K. A. Smith, 10; McIntyre, 6; Dinan, 5; Bisco, 5; Rooney, 3; Holt, 2; Coolidge, 1; Bragg, 1.                                      |  |

### DINNER WILL OPEN DRIVE FOR CREWS

**Bill Haines, Dave Sutter and Others Will Speak At Banquet**

Technology rowing made marked strides under the direction of Coach William Haines last spring and the student body more and more of them becoming interested in rowing every year, are determined that this season shall mark the highest peak yet attained in the sport at the Institute.

The big drive for the 1925 season, which will see the Engineers in competition against crews of the Naval Academy, Harvard, Cornell and Columbia, will be launched on January 13 when a rowing dinner will be held in the Walker Memorial Building at the Institute. The dinner will mark the official opening of the crew season for the upper classmen. Coach Haines, Captain Dave Sutter and some of the officials of the Institute who are interested in rowing, will be among the speakers and all students interested in the sport at the Institute will be present.

Starting within a day or two after the dinner, regular indoor practice on the machines three days a week will be ordered for the upper classmen. The crew had a long fall season of training on the Charles and should be in excellent condition to start open water work as soon as the river is cleared of ice.

Work for the freshmen, who will be coached by Dan Sayre, former varsity No. 2, is already under way in the boat-house. Coach Haines has emphasized to the first year men the importance of the drills on the machines as a basis for actual rowing.

### HOCKEY SQUAD COMING ALONG IN FINE SHAPE

**Men Practicing Hard for Third Official Contest of Ice Season**

### PRACTICE AT ARENA Dartmouth About Equal to Beavers in Team Strength

With the third big game of the season looming up on the horizon the pucksters are working hard for the battle with Dartmouth Saturday at Hanover. Throughout vacation practice was more or less suspended because many of the men elected to leave town during the recess. Coach Wiggett faces now a proposition that is a stickler to get his men in fast-traveling shape so that they will be able to put up a good scrap against the big Green. As yet the lineup is undecided and it is expected that Wiggett will use his old policy of using all men in uniform in the game.

It will be Dartmouth's third official contest also, for they have played both University of Toronto and McGill during the last week or two. However, the Canadians were too much for them as they proved for every team and sent them down to defeat without apparent effort. In the Toronto contest played on December 31st, Lou Hudson ran away from the boys from N. H. While he led the offensive for Varsity his teammates held the Dartmouth forwards to one lone tally, to win 7 to 1.

**Technology Has Good Chance**  
The McGill contest was more closely contested, the Montreal men winning in a fast game by 2 to 1. Both contests were played at the Arena and so cannot be a judge of the Green's home strength on this account. Moreover, the Canadian players were not playing at top speed in either contest. Toronto played their second string most of the time and so did McGill. This gives no basis of comparison on which to base any dope as to the outcome, except if we take into account the Harvard game with Toronto which the former won 2 to 1. But we cannot count the Crimson equal to Toronto as the Canadians were in somewhat of a slump that night because of their strenuous game with B. C.

Dartmouth has had a ten-day practice session but Coach Denesha has been up against it this season with only three regulars in the lineup. In a preseason game with the alumni, the regulars won 6 to 2. Captain Everett got 3 goals that game, the rest of the goals being accounted for by Mauser and Dwyer. Duplin made the solitary goal against Toronto unassisted. Against McGill with about fifty per cent improvement in the team work of the squad, Fryberger scored the goal against the Canadians. While in Boston they took on Brae Burn in another unofficial contest, to win 1 to 0. Mauser accounted for the tally.

Taking Harvard and Toronto as equal, Technology ought to be just as strong as Dartmouth, as Harvard beat the Beavers 7 to 3 just before the vacation. They also used their second string men in that contest so old Doc Dope has it that the Engineers are about equal to the Green to make a long story short.

Laying aside all advance confidential information on the game and getting down to earth, Wiggett and Flint Taylor are whipping the boys into great shape. Although none of them are in first class condition, they will be by Saturday at least, that is the coaches hope. According to Taylor, "the team has shown a lot of improvement since the Harvard defeat and are going to be fighting mad at Hanover." The prospects look good, sound that way anyway for a close game and despite the lack of concentrated practice during the holidays, a thing greatly needed, the puckchasers will put up a good scrap.

Another snowstorm and the hockey rink behind building 10 can be converted into a toboggan shoot, ski jump and some other form of apparatus. Technology, unlike Dartmouth and some of the northern snowed under colleges, has never had a winter sports team, but if the rink does as good a job of collecting snow the next storm as it did the last there will be a place to train one.

It is said that there is a foot of ice—under the snow. Two solutions to the difficulty are to roof the rink or equip the puck chasers with snow shoes.

**Boxers Show Up In Large Numbers For Practice**

### BASKET TOSSERS TO PLAY B. C. IN PRACTICE GAME

**Coach McCarthy Has Built Up a Fairly Strong Squad of Men**

### N. E. TECH ON SATURDAY

Strenuous practice is the order of the day at the Hangar Gym for members of the basketball squad these afternoons, for after a two week layoff the team has to get going in fine form for the first game of the year this Saturday with Northeastern Tech. Today the team will take on Boston College in a practice game for Coach McCarthy wants to leave no stone unturned that may help the squad in getting into good form. At a meeting of the squad yesterday afternoon shortly after the practice session, E. W. Eager was elected to captain the sport.

Eager who holds down a guard position played a fair game with last year's quintet, though not a phenomenal player Ed has come up greatly in his game in practice and points to strong defensive game. With the whole team rounding into form it looks as though Mac may strike it lucky and pull through a good team. At least he will not have to go far to surpass last year's records which after the Northeastern game was one long string of defeats.

**Practice Game Each Afternoon**  
Simmonds and Forrester both of whom played last season have returned to take up the forward positions. These two along with Ingram and Timmerman make up the group that will take care of the offensive part of the game as far as the forwards are concerned, Ernie Hinck seems to have the center post clinched, although two other men in Lauria and Wilcox provide plenty of exciting competition. Guards are Caine, Eager, Biehle and Bryant.

Every afternoon now the varsity goes through a scrimmage with the subs and much valuable practice is gained through the impromptu contests. The squad practiced for about four weeks before the holidays so the men are fairly well acquainted with the feel of the ball and the court. As last year's varsity was woefully weak in this department, it looks promising for the team winning something during their winter campaign. The men are also well grounded in the passing game, a circumstance that goes a long way to winning a few contests.

### COACH RAWSON HAS BIG SQUAD OF MEN

**Boxers Show Up In Large Numbers For Practice**

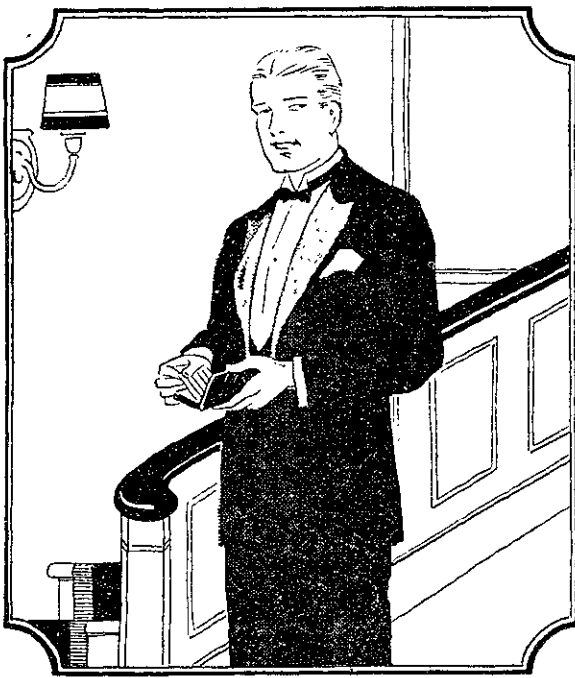
Coach Rawson was greatly gratified to see a big turnout for the first day of school in the ancient and honorable sport of boxing. Fully forty aspiring "Battling Nelsons" put on the gloves yesterday in the Hangar Gym to go through a short workout with the coach. Rawson received another agreeable surprise when the men showed that they had not forgotten "the stuff" he had taught them last term.

Everybody out was up on his toes and hopping around the ring like old timers and things look bright for a good season with such a turnout, the numbers speak eloquently and their form outdoes the former statement. Rawson has drilled the fundamentals into the men and with a few more weeks of drill they will be able to tackle the army mule himself when they go up against West Point at the last of this month.

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## NEW ELIGIBILITY RULE DRAWN UP BY COUNCIL

(Continued from Page 1)

therefore thought it advisable to hold off until conditions pointed to success. The new diamond which is being constructed on the new Institute land will not be completed till the Fall of the year.

Luke Bannon, coach of last year's successful Frosh Baseball team, was the next speaker to give his opinion on the subject. It has largely been through Bannon's effort that the idea of a Varsity team has been given serious consideration. He said that he had been in touch with several colleges in this section of New England to see if they would be willing to book games with Technology in the advent that a team was organized. Among the colleges he has written are Trinity, Brown, Colby and Boston University. In every case but one the response came in the affirmative, showing that the question of a suitable schedule could easily be arranged. Boston University was willing to avenge the defeat encountered at the hands of the Beavers last year that they proposed a three-game series. The Beavers were organized last year for the first time and though composed entirely of undergraduates but it was not sanctioned by the M. I. T. A. A.

The Advisory Council then expressed their opinion of the situation as they viewed the subject. They admitted while they would not give their approval to the sport this year that this did not mean that they were not in sympathy with the idea. They viewed the situation rather in the same light as presented by Robinson, namely till conditions and physical facilities were adequate, they did not feel that Technology should enter the field of Varsity Baseball. They felt the sport should be given a try, to see what chances the Institute had along this line, and therefore felt that the Beavers

was the best method of testing conditions at Technology.

Several of the members of the Council were afraid that baseball might allow a trace of professionalism to creep into Institute activities. Dr. Rockwell had observed earlier in the evening that the sports at the Institute were on a higher level than anywhere else in the country, in his opinion, not so much in the letter of the rules, but in the spirit they were carried out and enforced. He felt that baseball offered a greater opportunity to turn professional than any other sport, and he therefore felt that when baseball did enter the Institute, particular pains would have to be taken to keep this sport as clean as the rest at Technology. He felt that the Beavers should endeavor to steer clear of professionalism if they were formed again this year. It was then suggested that all men on the Beavers sign eligibility cards before being allowed to play on the team. This would prevent the Institute teams getting an unsavory reputation, which it would be difficult to live down in future years.

The remainder of the meeting was spent in reading and approving the revised constitution and by-laws of the M. I. T. A. A. These were accepted in full with the exception that two articles were held over till the next meeting of the Council.

## MUSICAL CLUBS HAVE HEAVY SEASON AHEAD

(Continued from Page 1)

The clubs also wish to remind those interested that their annual broadcast will take place on Wednesday evening of next week, January 14. The broadcast is being made through station WBZ of the Herald-Traveler, where last year's program was broadcast. The program will be transmitted from 8.30 until 10.30 o'clock and will be preceded by a short address. The selections will be rendered at Steinert Hall from whence they will be relayed to the station at Springfield for broadcast.

## Notices and Announcements

### OFFICIAL

#### E21

Students desiring to take E21 this term should meet Mr. Copithorne in Room 2-290 at 4 o'clock on Thursday, January 8, bringing copies of their schedules.

### POPULAR SCIENCE LECTURE

The second of the Popular Science lectures offered under the auspices of the Society of Arts, will be held on Sunday afternoon, January 11, at 4 o'clock. Professor Augustus H. Gil of the Department of Chemistry will speak upon "The Chemistry of Gasoline and Other Motor Fuels." The lecture will be very fully illustrated by experiments and lantern slides. Ticket for the lecture may be obtained at the information office or by sending a stamped addressed envelope to the Publications Office, Room 3-105.

### GS41 CONTEMPORARY ENGLISH LITERATURE

Owing to a conflict in Professor Roger's schedule he will be unable to give GS 41 on Thursday at 1. The hours for the course will be Tuesday at 9, Wednesday at 1 and Saturday at 9 in room 2-290.

### FRENCH

R. M. Treuil of the Ecole Polytechnique will give a course in French Language on Tuesdays, Thursdays and Saturdays at 12:00 in room 2-136. Applicants leave cards with Professor Langley. The first class will be tomorrow.

### UNDERGRADUATE

#### PHYSICAL CHEMISTRY LECTURE

The first of a series of lectures on "Some Aspects of Modern Physical Chemistry" will be given by Professor P. Deybe on January 9, at 4:00 in room 4-231.

#### TECH SHOW

Tech Show skits will be given at 7:30 tonight in the North Hall o Walker Memorial. All students are invited to attend.

#### COMPLIMENTARY TICKETS

Complimentary tickets have been received by the T. C. A. for the following concerts: Wednesday evening, January 7, Katherine Palmer, Soprano, a Jordan Hall; Thursday evening, January 8, Cyrus Ullian, Pianist, at Jordan Hall, and Friday evening, January 9 Kilbachich Russian Symphonic Choir a Symphony Hall. Any men desiring these tickets may obtain them at the T. C. A. office.

#### SWIMMING

Varsity and freshman practice both start today. All men should report at once because meets begin this month. Practice hours are the same as last year. Tuesday, 4.30-5.30; Wednesday 5 to 6; Thursday, 5 to 6.

### BOOK EXCHANGE

Men having in their possession text books called for in the General Bulletin and desiring to sell the same at two-thirds the price paid may do so at the T. C. A. Book Exchange.

**T. C. A. EXECUTIVE COMMITTEE**  
The first meeting of the term of the Executive Committee will be held in the T. C. A. back office, Thursday, at 3.

#### "WANDERING GREEKS"

All "Wandering Greeks" are requested to sign their name in the book in the main lobby today.

#### WRESTLING

First varsity meet Saturday with Northeastern University. It is important that everyone on the squad report regularly the remainder of the week for practice.

Freshmen must come out to train for the Yale meet on January 17. Heavy men are needed for both squads.

#### TECH SHOW ORCHESTRA

Rehearsal of the Tech Show Orchestra will be held in Walker, north hall today, and January 9 at 5.

#### MUSICAL CLUBS

Technique pictures will be taken of all Musical Club men at Notman's Studio, 1286 Mass. Avenue, Friday January 9, at 5.30. Bus leaves for Lexington after pictures.

#### INFORMAL DORM DANCE

An informal Dorm Dance will be held in Walker, January 16, at 8. Admission \$2.

#### HANDICAP TRACK MEET

A Handicap Meet will be held on Saturday, January 10.

#### T. C. A.

In order to render greater service the Executive Committee of the T. C. A. announces that beginning today the T. C. A. will close at 5.30 instead of 5.

#### MECHANICAL ENGINEERING MOVIES

The Mechanical Engineering Society will show industrial movies in room 5-330 from 4 to 5, today. The "Story of the Rope" will be shown.

#### SCHOLASTIC STANDING

During the Christmas Holiday Dean Lobdell's office compiled the statistics regarding comparative standing of the fraternities at Technology. The following four fraternities having failed to turn in membership lists were omitted. Phi Sigma Kappa; Kappa Sigma; Sigma Nu and Phi Kappa.

#### PI DELTA EPSILON

There will be a meeting of Pi Delta Epsilon in Riverbank Court Hotel on Tuesday, January 13, at 6.30 o'clock. Formal attire.

#### TRACK MEETING

A Track meeting will be held in room 10-250 tomorrow, at 5.

## TECHNOLOGY MEN SPEAK AT ANNUAL SCIENCE MEETING

Yearly Conclave of Association  
For the Advancement of  
Science Held

### MEET AT WASHINGTON

Many Institute professors were present at the annual meeting of the American Association for the Advancement of Science which was held in Washington last week. The convention lasted the entire week and representatives of practically every educational and scientific institution were at the conclave.

Professors H. W. Tyler '84, S. C. Prescott '94, P. A. Heymans, A. E. Kennelly, R. P. Bigelow, Norbert Wiener, and M. P. Horwood '16 were Technology men at the gathering. Both Professor Heymans and Professor Wiener presented papers, before the Physics and Mathematics Sections respectively.

#### Size of Gathering Impressive

One of the impressive things about the meeting was its great size. There was no single building large enough to accommodate the throng of visitors to the city and meetings were held at the various colleges and institutions at Washington. The number of delegates was further increased by the fact that many affiliated societies of the main body held conventions at the same time. A bound volume was necessary in order that all the events scheduled during the week be contained in the published program.

Among the smaller bodies which held conventions simultaneously was the American Association of University Professors of which Professor Tyler is secretary. This organization heard committee reports on many of the current problems of American college life. Reports were made on athletics, the status of women in college and university faculties, and on other problems met in teaching.

## SHEFFIELD GRADUATES DENY STORY OF CHANGE

Prominent graduates and officials of the school have flatly contradicted the report that a change was being contemplated in the fraternity system of the Sheffield Scientific School of Yale University. It has been declared that the change "would put the fraternities on much the same plan as the eating clubs at Princeton," and that York Hall, one of the societies of the Scientific School, was holding up action on a proposed new building until a decision was made and that a secret ballot was being taken among Sheffield alumni to determine whether or not the present system would be retained.

Under the present system members of the Sheffield Scientific School fraternities of which there are eight to be elected in their sophomore year and during their junior and senior years reside in their respective fraternity houses. They are not, however, allowed to take their meals in the house, this means being taken to prevent the formation of cliques.

It was definitely announced yesterday, however, that the York Hill Society is planning to erect a large new chapter house.

## RITZ REVUE SPARKLES WITH GORGEOUS SETS

(Continued from Page 2)

these stunts were really funny, sparkling with clever repartee. Others more nearly approached what one might expect at a burlesque theatre. Jimmie Savo took all the honors when it came to drawing laughs. His eyes never could beave.

Charlotte Greenwood in what was perhaps the best scene of the entire show, depicts the terrible hustle and bustle of the big city. She has just 20 minutes to get dressed and get down town to get a job. Between trying to take a bath (a most shocking procedure for the Boston stage!) answer two phones, the door, take in the ice, and so on, the poor woman is nearly driven to distraction. At the psychological moment, when she is garbed solely in a turkish towel, held up only with great difficulty, a burglar caps the climax with the curt command "Hands up!"

The dancing, too, was good. Prettily done all the way through. All in all, the revue is well worth seeing. May we have many more revues as good as the "Ritzzy one!"

## CHEMISTS AT WESLEYAN BUSY WITH RESEARCH

Professor Hoover and students at Wesleyan University are investigating the preparation of hydrocarbons from carbon monoxide and hydrogen by the action of catalyzers and pressure. The composition of compounds of iodine, sulfur and oxygen obtained by the action of iodine and iodic acid on sulfur trioxide and the effects produced by mixed motor fuels on the composition of exhaust gases are also being studied.

## UNIVERSITY STUDENTS GET PAY FOR NAPPING

The ideal job at last has been found. A hobo's dream of Utopia could include nothing better than this: A job where you are paid for sleeping.

May sound a little fishy, but it's a fact. And there is more than one such job, too. In fact, there are two of these jobs, and they are held by University students, who, as is well known, are said to have a rep for gravy train riding.

The two students are P. E. Winston of Smithville and J. W. Martin of Crosbyton. The jobs require nothing but slumber. Winston and Martin sleep in the State treasury at the Capitol, between the hours of 7 p. m. and 7 a. m., guarding the vast riches of the Lone Star State contained in the State House vaults.

Study tables, book shelves and beds for the two men are located within the four walls of the big room, guarding the entrance through great iron doors to the treasury vaults of Texas.

The law requires that someone must be on watch constantly, every hour of the twenty-four, over the State's treasury. Winston and Martin get their room free for guarding the treasury during the night time. The work of guarding, however, is not a job calling for as much courage and boldness as it may sound, according to Winston, who declares that his sleeping quarters are quite well protected with iron bars, locks, alarms and other burglar device of modern invention.

Furthermore, the job isn't had at all with two holding it down. Winston avers. For he and Martin find it quite convenient to take time about in staying out the earlier part of the evenings when one desires to see a show or make a dance.

Winston is a pre-med in his third year at the University. Martin is a freshman. Neither one would part with his "job."—The Texan.

## TEA AND PEPPERMINTS FOR YALE SOCCER TEAM

Yale tried an experiment on its soccer team recently. The experiment took the form of sweet tea and peppermints. Professor Henderson of the department of Applied Physiology made use of the generally recognized principle that after violent physical exercise the body is found to be almost completely depleted of its supply of sugar. With this fundamental purpose the soccer team on the day of the game with the University of Pennsylvania was given sweet tea and sugar in the form of peppermint candy. In spite of the sugar Yale was beaten by the score of 5-1. Nevertheless, it is generally conceded that while the tests were not conclusive, there certainly were noticeable results.

## STEVENS CLASS YELL REEKS WITH SCIENCE

A committee appointed at Stevens, recently, to get up a cheer for the Junior class failed to make up or discover anything sufficiently catchy to warrant its acceptance. Rather than be without a yell, a quickwitted crowd got together a most unusual cheer, fairly reeking with the Science for which Stevens is noted. This Cheer, made up on the spur of the moment is as follows:

Ethyl, hydroxyl, carboxyl methane, Bromide dioxide trioxide pentane, Tension compression torsion and shear, A Venturi meter was not made for beer. '26—'26—'26  
Juniors, Juniors, Juniors.

## NOT TO CHANGE YALE FRATERNITY SYSTEM

Dr. Baekeland, president of the American Chemical Society and inventor of bakelite, recently gave a lecture on "Misdirected Efforts" at Union College. Although he did not mention it in his lecture, the invention of bakelite was associated with much "misdirected effort" on the part of the chemists who tackled the carbolic acid-formaldehyde riddle. They all sought a soft, fusible substitute for shellac. Dr. Baekeland at first followed his predecessors, but then turned around and sought a hard, infusible substance. The result was bakelite.

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## NEW DECORATIONS MAY NECESSITATE GIVING UP CIRCUS

**Institute Committee Anxious to  
Arrange Event If It  
Can Be Done**

### COMMITTEE IS APPOINTED

"If, as we believe, the student body wants a circus, the Institute Committee will do its best to arrange one," said G. L. Bateman '25, president of the Committee, yesterday. "Because of the new decorations in the main hall of Walker, it will be impossible to hold a circus there, and it is not quite certain that it will be feasible to hold it elsewhere."

A committee has been appointed to consider the advisability of a circus, and will probably have its report ready for the next meeting of the Institute Committee, next Thursday night. Austin Cole, Jr., '25 is chairman of the committee; the other members are E. S. Johnston '26, A. G. Hall '25, Harrison Browning '25, and C. L. Petze '25. They will investigate the various places which have been suggested as suitable for holding the circus, and will decide as to their availability.

#### No Circus Last Year

It will be absolutely impossible to hold the circus in the main hall of Walker, as the decorations are too valuable to be exposed to risk of injury. Walker Gym is small, and the Hangar Gym is not any too large, although it is probable that the committee will find it large enough for the circus. There have been suggestions in addition to these places the large hall in a nearby factory which has been used for the Dorm smoker, and the old Armory on Massachusetts Avenue, although the expense and the red tape of securing either of these halls may prohibit their use.

No circus was held last year, but the year before, one was held in the main hall. Fraternities, activities, and classes each put on stunts; booths were arranged; and many of the students appeared in various kinds of fanciful dress. If the affair is held this year, it will be of the same nature.

It is uncertain as yet as to what is the best time to hold the circus, but it is generally believed that late March will probably allow favorable weather, and is far enough ahead so that there will be time enough to arrange the offer. But until a regular Circus Committee makes a report, the date will not be set.

## CLUBS WILL PERFORM AT OLD BELFRY CLUB

**To Give First Concert Of Term  
At Lexington Tonight**

The first of the local engagements this term of the Combined Musical Clubs will be played this evening at the Old Belfry Club in Lexington. Buses will convey the men from Notman's Studio where the clubs will have their pictures taken for the year book previous to their performance of the evening. Such an arrangement was made necessary since it is only possible to get all the men together for the taking of a picture when they are assembled for the purpose of playing an engagement.

#### One More Engagement

The clubs' appearance at Lexington tonight is their first in that locality. The Dartmouth Musical clubs played there last year and were quite well received. It remains to be seen what comparison may be made between the impression made by the combined clubs this evening and the reception tendered the Dartmouth players last year. Such an observation will make it possible to forecast in a rough way the Dartmouth-Technology concert which the clubs have in mind.

Following the concert at Lexington the clubs will play one more engagement before the Winter Concert. That will be on Friday, January 16, when a performance will be rendered at Plymouth for the Plymouth Teacher Association. The Winter Concert is scheduled for the following Friday, January 23, and will run from 8 until 3 o'clock. Tickets will be \$6.00 per couple payable in two installments, the first of which will be made in the form of a sign-up on any day next week in the main lobby from 11 until 2 o'clock. The sign-ups will be redeemed for three dollars at a later date.

## Institute Displays Signal of Distress

Apparently the Institute was in distress yesterday morning if the condition of the flag in Du Pont court is any criterion. The official custodian of the national emblem here succeeded in displaying the official signal of distress by raising the flag field down. No one noticed the error for a considerable period, and no coast guard cutters or other means of relief steamed up the Charles.

Finally someone with keener eyesight than usual noticed the error, informed the office of the Superintendent of Buildings and the flag was placed in its regular position.

## ALUMNUS CAUSE OF EASTMAN DONATION

**F. W. Lovejoy '94 Seen as Figure  
Behind the Last Gift  
To Institute**

Considerable comment has been made at educational institutions and among the general public as to why George Eastman, millionaire Kodak manufacturer, chose to contribute a total \$15,500,000 to Technology, although there are scores of other large institutions in need of funds. It is said that the mysterious "Mr. Smith" has visited the Institute but three times.

In his statement to the press at the time of his recent donation of \$4,500,000, Mr. Eastman said that he chose Technology because it is "the greatest school of its kind in the world, with an eminent faculty of scientific men, a splendid body of students and Alumni, a great equipment, and an outstanding board of directors to determine its policies." A different viewpoint as to the reason for Mr. Eastman's choice is given by the "Rochester Democrat and Chronicle." According to this paper, F. W. Lovejoy '94, vice-president of the Eastman Kodak Company, is seen as the figure behind Mr. Eastman's gifts to the Institute. Mr. Lovejoy began work as a chemist in the Eastman laboratories in Rochester a year after his graduation.

#### Lovejoy '94 Behind Gift

"His unstinted devotion and ingenious experiments soon attracted the attention of Mr. Eastman," says the Rochester Democrat and Chronicle. "In a few years Mr. Lovejoy was taken out of the laboratory and put into an executive position. And so the pioneer of the photographic methods and the Tech graduate worked side by side. A deep mutual admiration developed. In time other M. I. T. men joined the Eastman laboratories and achieved noteworthy results. These include Darrow Delancy and J. H. Haste."

In appreciation of the work of these men, Mr. Eastman is said to have inquired about Technology's financial resources, leading to his ultimate gifts Technology's "Mr. Smith" also recently added \$2,000,000 to his previous gift to Hampton Institute, provided they succeeded in raising the joint fund of \$5,000,000 with Tuskegee Institute, and added also to his contributions to the University of Rochester, to the extent of about \$8,000,000.

Mr. Eastman's total gifts to education and charity amount by now to over \$58,000,000. The University of Rochester has been the largest beneficiary.

## EXTENSION COURSES IN RADIO TO BE REPEATED

Last term's State Extension course in radio will be repeated this term. The meetings are held Tuesday nights a 7:30 o'clock in rooms 10-250 and 10 270.

There were two groups last term, one for beginners and one for those having had some training in radio. H. M. Lane of the Institute gave the advanced course, and Mr. Lack of Harvard taught the beginners. The proposed plan for this term is to repeat the work of the first term with Mr. Lane teaching the beginners and Mr. Lack taking the other class. Because of numerous other duties Mr. Lane is trying to find some other instructor to take the elementary class. The last class, an examination, will be held Tuesday, January 13, and the new series is scheduled to start on the same date. The instruction is open to the public. The tuition is three dollars for ten lessons. Full information on the course, the textbooks, and entrance provisions may be obtained by writing to Mr. Worstrel, State Extension Courses, at the Boston State House.

## HAMILTON TO GIVE DRAMA LECTURE TO GS 41 STUDENTS

**"The Rivals" To Be Discussed in  
Connection With 18th  
Century Drama**

### ALL STUDENTS INVITED

Clayton Hamilton, considered one of the very few first-rate writers upon the drama in America, will speak to Professor Rogers' class in G. S. 41 on next Tuesday in room 2-290 at 1 o'clock. Mr. Hamilton will speak on 18th century drama in connection with Mrs. Fiske's forthcoming appearance in Boston at the Hollis Theatre in Sheridan's "The Rivals," celebrating the 150th anniversary of the play. Everybody in the Institute is invited to attend this lecture, and students interested in literature and the drama are especially urged to be present.

Mr. Hamilton, a graduate of the Brooklyn Polytechnical Institute, is rated as one of the ablest and most readable of American writers and an authority in his field. Following his graduation in 1900, he became associated with the English department at Columbia and Barnard colleges. Since that time he has been dramatic critic and associate editor of The Forum, and dramatic editor of The Bookman, Everybody's, and Vogue. Among the plays and books written by him are: "The Love That Blinds" (with Grace Colburn), "The Stranger at the Inn," "The Big Idea," "The Theory of the Theatre," "Studies of Stagecraft," and "Thirty Days."

#### Also An Editor

This author has also achieved considerable prominence as an editor, having prepared Stevenson's "Treasure Island" for Longman's English Classics, and Hooker's translation of "Cyrano de Bergerac." "Representative Days," by H. H. Jones, in five volumes, was edited by Mr. Hamilton last year. He was but recently an associate editor for the Goldwyn Studios, and is at present director of education for the Palmer Photoplay Corporation.

Mr. Hamilton is a member of Phi Kappa Sigma fraternity, the National Institute of Arts and Letters, the Players' Club, and the Authors' Club.

## ECLIPSE OF SUN TO BE SEEN BY STUDENTS

**Members of Faculty Also Plan to  
Take Trip to Westerly**

Tickets for the special coach train leaving the South Station at 6:05 A. M. for the eclipse of the sun on January 24 will be placed on sale at the regular ticket offices of the New York, New Haven & Hartford Railroad Monday morning. The tickets will cost \$3.18 for the round trip, the return being made directly after the eclipse.

Professor Robert Bigelow, of the Biology department, will place mimeographed copies giving all necessary information for the trip in the information office this morning which will be available to all students.

Professor Bigelow urges all student and members of the faculty who are planning to make the trip buy their tickets in advance if they are to make sure of arrangements on the coach train. Mimeographed copies telling about the trip were delivered to the members of the faculty this morning.

#### Starts At Duluth

The eclipse will be viewed by all members taking the trip from a special platform arranged by the Westerly Board of Trade. The eclipse will be total at this city in Rhode Island.

The eclipse will start from Duluth Minnesota, at daybreak on the morning of the 24th of January and will travel across the country with a great velocity sweeping a path about a mile wide. It will pass out into the ocean near New Haven, and end up near Scotland just as dusk is falling. The eclipse will not be visible for more than two minutes and in most places will be visible only about one minute. The special interest in seeing an eclipse is to see the corona, a flaming burning fluid mass which is seen by an observer, shooting out from beneath the sun when the sun is obscured. This corona is ordinarily invisible due to the brilliancy of the sun which obscures it. The eclipse will be 99 per cent visible around Boston, but will give no special thrill to the observer as the sun will obscure it.

## Need Course VII Man To Give Dog Exercise

Very odd indeed are some of the various forms of employment offered through the Christian Association to students at Technology. A position recently open has certain peculiarities. The Association was requested by a certain party to find an intelligent, industrious, ambitious and kind-hearted student at the Massachusetts Institute of Technology to exercise a collie dog. The gentleman, of course, must be well informed as to the nature and habits of dogs and have some knowledge of the streets of Boston. A Course VII man was for some reason suggested for the position.

## TECHNIQUE REOPENS ROOM 3-410 STUDIO

**To Take Pictures of Profess-  
ional Societies, Professors,  
And Others**

Technique's studio in room 3-410 will be reopened for a short time at the end of this month to take photographs of the professional societies, professors, and those Seniors who have not as yet visited the studio.

There are approximately 110 Seniors who have been photographed. In order that the remaining photographic work may be completed in as short a time as possible, Seniors who find it convenient to do so should report at the Notman Studio, 1286 Massachusetts Avenue, at any time before the reopening of the Technique Studio. All fraternity photographs will be taken at the Notman Studio during the remainder of the month. Notifications of appointments will be sent out by Technique.

#### Informal Snaps Wanted

Technique also announces the opening of their annual campaign for informal snapshots. Pictures of students, professors, members of the great army of blackboard cleaners, and anything else pertaining to the Institute and its activities are acceptable.

Technique's "Informals" section has become one of the best liked parts of the year book during the past few years, and the managing board is anxious to have the support of the student body in making this year's "Informals" as representative as possible. Snaps of students and professors in unusual poses usually prove to be most amusing, as well as photos of interesting events in the different laboratories at the Institute.

All pictures should have the name and address of the owner, as well as the title, on the reverse side. They may be turned in at the Technique office, room 308 Walker, addressed to the Features Editor, at any time. Pictures will be returned to their owners if a note making this request is written on the back of each snapshot.

## COMMITTEE APPOINTED TO CHANGE COURSE IX

A committee has been appointed by the Faculty to make a readjustment of the curriculum of Course IX, General Engineering, with a view to eliminating any required subjects which are not particularly useful.

Professor C. L. E. Moore, in charge of the course, declared yesterday that it was intended to make the course less variegated, and to that effect, the subjects elected by students will be restricted to a greater extent so that the students will take subjects that are more related.

It is probable, according to Professor Moore, that a number of the subjects required at present, will be taken off the curriculum, and that about three-fourths of the subjects in the fourth year will be elective.

## NOT YET READY WITH SCHEDULE OF COURSES

No definite arrangement of courses for the beginning of the two term system in October has as yet been made, according to Registrar MacKinnon. The individual departments at the Institute are at present working out their respective courses of study and it is hoped that a satisfactory arrangement will be completed within the next few months. The new bulletin of courses of study will be issued as soon as possible, probably not before the middle of March.

## CUTS TO BE MADE AT SHOW MEETING TOMORROW NIGHT

**Coach Will Select Cast, Chorus,  
And Ballet At First  
Assembly**

### ANNOUNCE ORCHESTRA CUT

**All Photographs Will Be Taken  
At Rogers Buildings On  
January 18**

A general assembly of all men who desire to be connected with Tech Show 1925 in any capacity will be held tomorrow evening in North Hall, Walker, at 7:30 o'clock. This is the first important assembly held by the show, and it is imperative that every candidate be present.

At this time, Ned Wayburn, the coach engaged to stage the entire production, will personally select the cast, chorus, and ballet, as well as understudies. Men who are not present at this assembly will be at a decided disadvantage, as Mr. Wayburn will make his final choice, after which he will not be in Boston again until the rehearsals are well under way. He will also outline his methods of coaching, which are quite different from those of previous coaches. In addition, he will go over the book as he has revised it, and describe the ballet as prepared for the show by his company. This ballet will be somewhat shorter than those of previous years, but it is said to be quite distinctive. Rehearsals will come each Friday, Saturday and Sunday for six consecutive week-ends.

The show's itinerary has not as yet been definitely decided upon, but it is believed that performances will be given at Hartford, New York, Boston, and Northampton.

#### Orchestra Cuts Made

Final cuts for the Tech Show orchestra have been made, the following men having been retained: J. A. Russell '28, A. Anderson '27, A. Mankowich '27, G. L. Calderwood '27, R. A. Williamson '26, Taylor, J. R. Oakley '26, R. Wood '25, J. A. Carlson '27, R. S. Hatch '27, M. A. Jenkes '26, L. Yvisaker '27, and H. Huntoon '26.

All pictures of men in the cast, chorus, ballet, orchestra, and management will be taken in Rogers building, on Boylston Street, on Sunday, January 18, at 9 o'clock.

It is important that all men appear on time.

## OSTERHOUT WILL GIVE NEXT SEDGWICK TALK

**Noted Biologist and Botanist to  
Deliver Third Lecture**

Professor W. J. V. Osterhout of Harvard University will give the Sedgwick Biology Lecture this year, in Huntington Hall on January 23. The lectures were started in 1923, and Professor Osterhout's lecture will be the third of the series. The subject will be "Some fundamental problems of cellular physiology."

Professor Osterhout is a botanist and biologist of international fame. He has studied at Brown University, at the University of Bonn, and at the University of California. He has taught at Brown, California, and since 1909 at Harvard, where he holds the rank of full professor. This year he leaves Harvard to join the Rockefeller Institute of Medical Research, of which he has been a member of the board of directors for several years.

#### Member of Many Societies

Many scientific societies claim him as member, including the American Academy of Arts and Sciences, the Boston Society of Natural History, the American Physiological Society, the American Chemical Society, and the Botanical Society of Edinburgh.

## CALENDAR

### Friday, January 9

4:00—Physical Chemistry Lecture, room 4-231.  
5:00—Tech Show Orchestra rehearsal, Walker.  
5:30—Musical Clubs Technique pictures, Notman's Studio.

### Saturday, January 10

3:00—Handicap Track meet.  
7:30—Wrestling meet, Tech vs. N. U.  
7:30—Basketball, Northeastern '28 vs. M.I.T. '28, Walker Gym.  
8:30—Basketball, Northeastern vs. M.I.T., Hangar Gym.

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In Charge of This Issue:

L. C. Currier '26

### A FORWARD STEP

THE new eligibility rule passed by the Advisory Council is one which is bound to meet with a great deal of adverse criticism, but it is beyond question a desirable step. It puts Technology on an equal footing with other colleges, the majority of which have a similar eligibility rule. It thus eliminates troublesome explanations and adjustments which have in the past been made necessary by the fact that our eligibility rules have been less strict than those of many of our teams' competitors.

Of course this rule may work adversely for some squads, but any such effect is bound to be overcome in a short time by the rise of new men. Besides, the new rule, in accordance with the usual policy of the Advisory Council, will not go into effect until next Fall. This gives ample notice for the managers of the various sports to put machinery in motion to compensate for any loss which the new rule may cause them.

Athletic eligibility and the closeness with which rules regarding it are followed is an important factor in the outside standing of the teams of a college. The Advisory Council has always maintained high standards in this matter, and the new rule is only another expression of their desire to make the standard of athletics at the Institute as high as possible.

### THE NEED FOR A SONG

THE cynics and the sophisticates decry such a discussion as this—a plea for an original and spirited song unmistakably identified with Technology,—but in doing so they ignore a fundamental human temperament which always responds to sentiments musically expressed.

The committee conducting the Technology Prize Song Contest has extended the time for the present year until the fifteenth of this month. First of all there is the \$200 prize offered for the song chosen each year. But more important, there should be a sense of institutional obligation that should impel those having the ability to try their hand at a song that pertains to Technology.

A survey of the present song list is only necessary to indicate the need of a new one. While the Stein Song is musically and lyrically good, it is never associated with the Institute because there is nothing in common. The other songs are more or less trivial and lack the element of quality that is to be found in the songs of our contemporary institutions.

We began by mentioning the importance of a spirited and expressive song. There is nothing better to crystallize sentiment and to focus enthusiasm. Religious chants, martial songs of patriotism, all songs relating to social interests have proved their great value. Our feeling for Technology needs a vehicle—one with a royal swing, one that clings to the fancy and lives in the memory regardless of whether we are gifted with a "tonal perception" or a "tonal memory." Such a song should be in the realm of possibility.

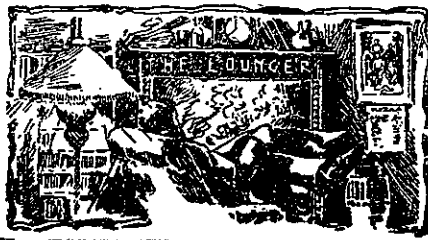
In the course of holiday travel it was noticed that in general those students who plaster M.I.T. labels on their baggage were usually those of whom we are the least proud!

### SEEING THE ECLIPSE

POPULAR interest is waxing keen over the eclipse of the sun which will take place two weeks from tomorrow. Scientific investigators are making elaborate preparations for observation of this great natural phenomenon, railroads are running special trains to take observers into the band of totality, and plans are being made by most schools and colleges for observation.

Wesleyan and Wellesley will have classes suspended for the eclipse, as will other colleges in New England. It was announced yesterday that mid-year exams at Harvard which come the morning of the eclipse will be postponed from 9 to 10 o'clock, to permit students to view the eclipse from the most favorable vantage points. It is particularly interesting to note that this is the first time in its history that Harvard has changed its academic schedules for any natural phenomenon.

As yet no similar provision for observation has been made at the Institute. In view of the steps which other colleges are taking to permit their students to view this impressive event, and especially in view of the fact that Technology is a scientific institution, it seems entirely appropriate and desirable that classes should be suspended on the day of the eclipse, or at least that 9 o'clock classes should be excused.



Again Uncle Horace rakes in the fines! They tell us he collected some fifteen hundred dollars from luckless students. A lot more than he could squeeze out of us the first term, which proves one of two things: either that we are getting richer, and can afford to pay the five spot for cutting a couple of days for the sake of one last party, or that we are getting dumber, and are flunking more subjects, giving our grasping uncle a chance to fleece us for condition exam fees. Which-ever is true, it saddens the Lounge to see some other man drag in a thousand and a half just at the time he himself is bent, broken, twisted, and otherwise financially embarrassed as a result of Christmas with its attendant evils: railroad fare home and shopping. Oh, for the chance of being Bursar for a day or two!

Now that the old cries of "How many H's did you get?" are being less frequently heard around the corridors, men are turning to their schedules, and trying to make them as easy as possible. There is a terrible scramble to get the professors with reputations for leniency, and to "avoid so-and-so," 'cause he flunked half his class last term." The Lounge, of course, never worries about his instructors—he knows he'll get C's or better whoever he has! His one main objective, however is to arrange a schedule with no Saturday classes so he can have his week-ends off for . . . ahem, his studies. No luck up to the present writing, though. He fears that the ladies—pardon, he means lessons—will have to be lonely this term.

Perhaps it is a good thing that the path of the total eclipse does not include this community. The men in the dormitories would probably find them-

(Continued on Page 4)

### Church Directory

Editor's Note:—The directory of Church Services given below will hereafter appear in the Friday issue of THE TECH each week. In printing this directory in conjunction with the Church Relations Department of the T.C.A. we are endeavoring to render a service which we believe will be useful to the undergraduate body at Technology.

**Prospect St. Congregational Church—Cambridge**  
Sunday, at 10:30 A.M. a good-sized congregation with very many young people present. At 12:10 the Prospect Class of Men. The young people of the church meet at 6:15 and there is an evening service at 7:30. Rev. W. M. Macnair is the Pastor and he will be glad to be of service to Tech men at any time.

**Temple Israel—Commonwealth Ave., at Blandford St., Boston, Mass.**

Saturday, Jan. 10th, 10:30 A.M. Rabbi Levi—"Youth and Age."  
Sunday, Jan. 11th, 11:00 A.M. Rabbi Levi—"My Friends."

Monday, Jan. 12th, 8:00 P.U. Meeting of Booklovers.

Tuesday, Jan. 13th, 8:00 P.M. Meeting of College Club.

Wednesday, Jan. 14th, 8:00 P.M. Meeting of Brotherhood.

**Trinity Church—Boston**  
Sunday, January 11

1:00 A.M. Class for Young People.  
11:00 A.M. Morning Prayer and Sermon by the Rector.

5:30 P.M. Young People's Fellowship—Election of Officers.

7:30 P.M. Mystery Play in the Church.

**First Baptist Church of Boston—Commonwealth Ave., Cor. Clarendon St.**

Morning service: 10:30 A.M. sermon by the

### Play Directory

**COLONIAL:** "Earl Carroll Vanities." As you like it.

**COPLEY:** "The Hottentot." English edition of old comedy.

**HOLLIS:** "China Rose." Dainty operetta.

**PLYMOUTH:** "Cobra." Tense drama.

**MAJESTIC:** "Dixie to Broadway." Good colored revue.

**ST. JAMES:** "The Whole Town's Talking." Just a real good laugh.

**SELWYN:** "In the Next Room." Mystery, and such. Good.

**SHUBERT:** "Ritz Revue." Good, especially Charlotte Greenwood.

**TREMONT:** "Be Yourself." Musical comedy.

**WILBUR:** "Expressing Willie." Thoroughly excellent comedy.

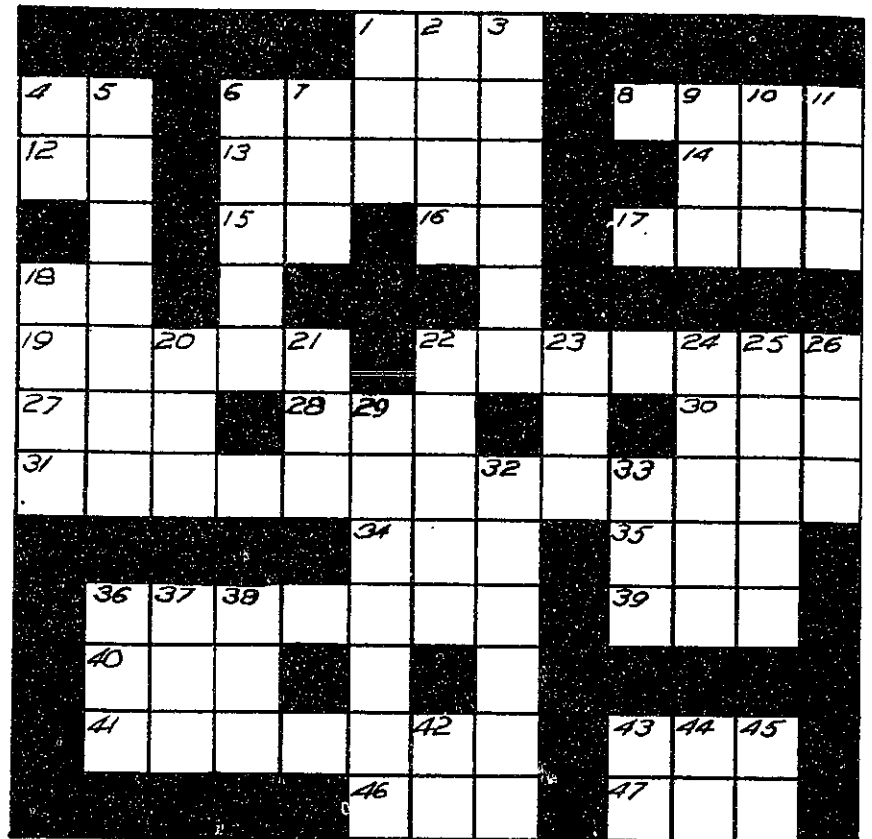
*The*  
**FENWAY**  
MASS. AT BOYLSTON

IRENE RICH  
in  
"A LOST LADY"

### CROSSWORD PUZZLE

By S. G. Simpson '16

The puzzles submitted to THE TECH so far have almost had a tendency to have their black squares form some kind of Technology insignia, as this one does. Generally this sacrifices good interlock and prevents the use of clever words, but the puzzle today has excellent points in spite of the trick design.



### DEFINITIONS

#### Horizontal

1. Initials of a great institution.
4. Section of the United States. (abbr.)
6. Commonplace.
8. Hodgepodge
12. Egyptian God.
13. Military assistants.
14. A sign of the zodiac.
15. What most Tech men are after.
16. Lofty elevation. (abbr.)
17. A make of automobile.
18. Near.
19. A Technology organization.
22. Counsels.
27. Consumed.
28. Relation.
30. Apt.
31. Those gaining admittance to college.
34. Anger.
35. To proceed rapidly.
36. The papal palace.
39. Belonging to that thing.
40. Girl's name.
41. Soldiers' drinking flask.
43. Sport enthusiast.
46. Perceive.
47. Unnecessary activity.

#### Vertical

1. Among.
2. Separate entry.
3. Examined.
4. A medical man. (abbr.)
5. A choral composition.
6. A sense.
7. W. J. Bryan's theory of evolution.
9. A high priest of Israel.
10. Large body of water.
11. Habitual drunkard.
18. A noted biblical character.
20. Encountered.
21. A snow-shoe.
22. A class of amphibians.
23. By way of.
24. Stream forth.
25. Merits.
26. Throughfares. (abbr.)
29. Pendant masses of ice.
32. Russian revolutionist.
33. Prefix meaning three.
36. Name of a member of the metallography dept. (abbr.)
37. Girl's name.
38. Reddish brown.
42. A course at Technology. (abbr.)
43. A note of the scale.
44. A printed public notice.
45. Negative.

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# TWO SPORTS OPEN SEASON TONIGHT

## Wiggett Sees Even Chance in Hockey Game with Dartmouth Saturday

### Engineers Greatly Improved in Combination Play and In Defense

#### ENGINEER QUINTET HOLDS B.C. TO TIE IN PRACTICE GAME

#### WILL MEET NORTHEASTER Opening Game of the Season To Be Played in Hangar Tomorrow Night

The basket tossers were off to a strong start for the season when they held the strong B. C. quintet to a 27-27 in a practice game in the hangar Wednesday. B. C. started with a rush and piled up nine points before the Tech outfit caged one. Then Hinck connected for a shot under the basket and the rest of the team began to speed up. The passing improved during the rest of the period and Wilcox dropped in two double deckers. The first period closed with B. C. two points in the lead. Both teams started at a fast pace in the second half, and Hinck again started things off with a basket, tying the score. Myers shot a foul, putting the Beavers in the lead. B. C. followed with a foul shot, again tying the score. Hinck looped a pretty one-hand shot and clever pass work brought the ball under B. C.'s basket three times in a row, where Wilcox dropped then through. B. C. then had a run of shot and evened the score. Capt. Ed Eager made a double decker and a free try. B. C. made two more baskets and the score was tied at 27 all.

**Northeastern Defeated by Tufts**  
Coach McCarthy has built up a smooth running team out of nearly new material, and has an outfit that should have a successful season. The team is rather weak on foul shooting, and made good very few tries. All the baskets made in the game were from near the basket, neither team attempting any long shots. Both teams used the five man defense. Wilcox played a fine game at center, and Hinck and Capt. Eager showed up well. The performance gave the team some much needed practice for the opening game of the season with Northeastern on Saturday night and promises a good chance of winning. The game will be played in the hangar and will start at 8:30. Dancing will follow.

In their first meet of the season, Northeastern's freshman and varsity quintets went down to defeat before the basketball teams from Tufts, the varsity scoring a well fought game to the tune of 31 to 19. The freshman team lost with a big margin, 50 to 15.

Renker, Northeastern forward, is the fastest player on the Northeastern team and will no doubt call forth fast work on the part of the engineer guards. In the Tufts game, Renker, scored five field goals for his team.

The probable lineup in the game Saturday night is as follows:  
M.I.T. NORTHEASTERN  
Hinck, l.f. r.g., Barton  
Myers, r.f. l.g., Zak  
Wilcox, c. c., Urquart  
Eager, l.g. r.f., Kobera  
Biehle, r.g. l.f., Renker

#### CRAM FOR FENCING AT A TEXAS UNIVERSITY

Among the newer indoor sports at Texas University is cramming for a fencing final. Since a certain amount of credit is given for fencing, it was decided to test the proficiency of those taking the course by adding it to the list of subjects requiring an examination. Eight girls and over twelve men took the course the first term, and a great increase is expected next term. It is hoped that the number of men will increase. Since a class of eighteen girls is expected during the winter term, everything points to a larger men's class. Marks were quite low for the first term's work, as might be expected in a new course, but improvement is looked for in the future by the instructors in charge.

#### CREW DINNER

All upper classmen who are interested in crew are urged to attend the dinner to be given in the North Hall of Walker on Tuesday, January 13, at 6:30. This is the first call for crew men this term, and is the official opening of crew for the term. The cost of the dinner will be \$1.

#### WRESTLERS WILL OPEN SEASON IN HANGAR TONIGHT

#### TRIALS ELIMINATE MANY Only Three Men Selected For The Regular Cardinal And Gray Team

Among the attractions offered in the hangar on Saturday night of January 10, beginning at 7:30, will be the opening meet for both the Technology and Northeastern Wrestlers. Elimination trials for the engineers took place before Christmas, and since the start of this term, the men have been working steadily to get into shape for the regular season opening with Yale at New Haven on January 17.

On the team, as far as has been selected, are the three men who represented Technology in the intercollegiate champion last season; Tryon of the 175 pound class, who put up such scrap against Brown that his next opponent forfeited to him instead of taking a chance; and Captain Greer, who is better this year than last. He has been wrestling since his freshman year. Other men who will take the mat on Saturday night are: Powers, 12 pounds; Hosch, 135 pounds; and Burke in the unlimited class. Until just recently, Tuttle bid fair to embrace in the 125 pound class, but he was defeated by Powers.

Coach "Cyclone" Burns, an old-time professional who has coached both here and at Andover, has been living up to his nickname by keeping the men "hard at it," and if he had more men to work with, especially in the unlimited class, Technology would see a whirlwind team. An interesting figure seen around the mats is Armand Abrams, a Belgian University graduate who is studying here for his degree of Doctor of Philosophy. Abram wrestles for mere sports sake and uses the Greek Roman style in which he is very proficient. This style is different from the American "catch as catch can" in that it bars all leg holds. On the night of January 17, a number of Technology men will stage an exhibition bout and wrestle at the Winchester Country Club.

### Suggest American Prince Of Wales For Social Work

The Prince of Wales is to be sent to the Argentine next year to try horseback riding on the pampas and dancing in Buenos Aires, the "Paris of South America." The British think that genial young man's visit will help trade, and the trade situation down there is serious for England. Before the war the tight little island stood first in trade with Argentina, with Germany a poor second and the United States a close third. Now Germany is practically out of the running and England and the United States are neck and neck for first place, with the advantage all our way, because our trade with the Argentine is almost balanced, while England buys more than she sells there. So they are sending the Prince of Wales to "sell" England to South America.

It's a good idea, but why shouldn't we adopt it? Of course, we can't always count on our President having a suitable son for foreign jaunts, but why not appoint him an heir apparent to the job? Make him the official foreign gad-about of the Nation. Chauncey Depew is a bit too old for the job. Senator Jim Ham Lewis would be fine for part of the duties—eating the official banquets and delivering the after-dinner speeches, while his beautiful pink whiskers would cast a pleasant glow over our international relations. To compete with the Prince of Wales though, we need a dancer to make the young things' hearts flutter and a rider who can stay on a horse most of the time.

Perhaps we should have a committee of heirs apparent. Say, Jim Ham to eat and speak; Rudy Valentino to do the dancing, and Douglas Fairbanks for acrobatics. What a team they would make in cementing our friendship abroad and promoting trade!

—The Chicago Tribune.

#### COACHES OUTLINE SEASON AT RALLY HELD BY RUNNERS

#### Still Need a Great Many More Men to Come Out For The Sport

#### PLAN NUMEROUS MEETS

#### Chink Drew Emphasizes Great Need Of Spirit At The Track House

At 5 o'clock yesterday afternoon track enthusiasts gathered in room 10-250 to hear the winter season outlined by Coaches Hedlund and Connors. The rally proved successful as a great number of runners were present, and a spirit of the keenest interest was aroused. In addition to talks given by the two coaches, Chink Drew, captain of track, and manager Bill Session also spoke to the running aspirants.

In speaking of the results of track in previous seasons, Coach Connors stated that Technology was handicapped insofar as there were comparatively so few men out for the sport. For that reason it was impossible for the Beaver runners to place in first and second places. He also expressed his hopes that this year more men would report to the track house. The subject that he stressed most emphatically, however, was the necessity of the men coming out to compete in the handicap meet to be held next Saturday at 2 o'clock. He urged every man to come out and enter this meet, whether eligible or not.

#### Great Need of New Men

Perhaps one of the best winter schedules Technology has ever had has been arranged by the management for the remainder of the term. Already meets have been planned with B.A.A., Knights of Columbus, N.Y.A.C., I.C.A.A.A., and the American Legion. As the entrants in these meets do not necessarily represent Technology, any man is eligible to compete. New men are in great demand and as there are at present so few men out, there stands a great chance for newcomers to easily come to the fore. The handicap meet next Saturday afternoon is the fifth one that has been held this year and the coaches have great hopes of seeing numerous new men appear at the track house. As in previous meets, the regular events will be run off, with the exception that this time the 35 pound weight will be included. The other events include, the 50 yard dash; 300 yard dash; 600 yard dash; 3-4 mile; 45 yard hurdles; high jump; pole vault; shot put; and weights.

#### Track Spirit Essential

Bill Session, manager of the sport, expressed great optimism at the rally. He prophesied a much more successful squad this year, stating that the Spring schedule included meets with Harvard, Princeton, and Cornell. According to Chink Drew the get-together spirit is the main essential in turning out a victorious track team this year. In order for the Cardinal and Gray to run enough points for a victory, a regular spirit must be stimulated.

On January 21 comes the first meet, namely, the Harvard relays. As this event is now less than two weeks away, there is not very much time in which to get a squad together. Between now and that time there is a great deal of work to be done in rounding a team into shape that will be able to take away honors for Technology. At present Doug Jeppe, Bateman, and Leness are the outstanding Beaver representatives in the mile relay team.

#### UNIQUE CLASS CONTEST AT OKLAHOMA COLLEGE

A great deal of discussion was raised at the Oklahoma College for Women as to whether the Sophomores or the freshmen were victorious in the annual inter-class fight. According to the rules governing the contest, the class having its colors highest at five o'clock on the appointed day wins. This year, the Sophomores engaged an aviator to take up their class banner. Despite adverse weather conditions, he put in an appearance at five o'clock. Not content with straight flying, he did a bit of stunting. This caused the whole quarrel, as some ambitious freshman had tied some green (freshman color) cloth on the highest point of the plane, but as the plane was doing flips in the air at five o'clock, it was difficult to decide which class had its colors higher at the moment when the clocks ticked off five o'clock. It was decided, in the end, that the freshmen deserved to win because of their energy in finding out the Soph plan and getting their colors, unnoticed, on the plane.

### Several Members of the Engineer Squad Practiced During Vacation

Technology's puckchasers will stand an even chance for a win when they meet the strong Dartmouth hockey team at Hanover tomorrow. Coach Gerald Wiggett said yesterday. Improvement in the combination play and the development of a strong defense is the reason for the optimism expressed by the coach.

Special attention has been given to the development of a goalie and Coach Wiggett has given much of his time to personally tutoring a man for this position. This position has heretofore been held by Diegnan with Richards acting as substitute player and as far as could be learned, Richards will probably play in front of the net in the game with Dartmouth tomorrow.

The contest with Technology will be the third official game for the Green, the team from New Hampshire having lost in both events. The fast traveling sextet from the University of Toronto stopped the Hanoverians to the tune of 7 to 1 while the contest with McGill was less decisive, the score being 2 to 1 in favor of the Montreal team.

In preparation for the Technology game, Coach Denesha of Dartmouth has subjected his men to a ten day practice session and according to reports is seriously handicapped because of the fact that there are only three regulars in the lineup.

Coach Bill Haines has been somewhat "under the weather" for the last couple of days. The upper classmen crews have not been reporting for practice, and will not commence to go through the regular rowing routine until after the dinner. As Bill is all right now, he will be able to attend the dinner and start coaching again.

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# Notices and Announcements

## OFFICIAL

### TECHNIQUE

Informal snapshots for Technique wanted. Address Features Editor, 1925 Technique, Room 308, Walker.

### POPULAR SCIENCE LECTURE

The second of the Popular Science lectures offered under the auspices of the Society of Arts, will be held on Sunday afternoon, January 11, at 2 o'clock. Professor Augustus H. Gil of the Department of Chemistry will speak upon "The Chemistry of Gasoline and Other Motor Fuels." The lecture will be very fully illustrated by experiments and lantern slides. Ticket for the lecture may be obtained at the information office or by sending a stamped addressed envelope to the Publications Office, Room 3-105.

### FRENCH

R. M. Treuil of the Ecole Polytechnique will give a course in French Language on Tuesdays, Thursdays and Saturdays at 12:00 in room 2-136. Applicants leave cards with Professor Langley.



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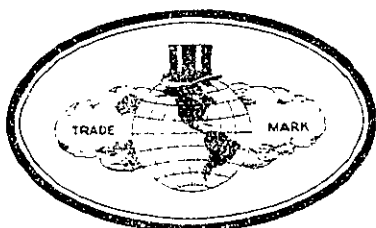
## Live Wire Students

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### E 21

The hours for E 21 during the present term will probably be from four to five on Tuesday and Thursday, but they will be finally decided at the end of this week. Men who desire consideration in determining them should meet Mr. Copithorne in room 2-290 at one o'clock on Saturday, January 10.

### SCHOLASTIC STANDING

During the Christmas Holiday Dean Lobdell's office compiled the statistic regarding comparative standing of the fraternities at Technology. The following four fraternities having failed to turn in membership lists were omitted. Phi Sigma Kappa; Kappa Sigma; Sigma Nu and Phi Kappa.

### PI DELTA EPSILON

There will be a meeting of Pi Delta Epsilon in Riverbank Court Room on Tuesday, January 13, at 6.30 o'clock Formal attire.

### 5.942 RECENT DEVELOPMENTS IN SCIENCE

The eleventh meeting will be held on Thursday, January 15, at 4:00 in room 10-250. Mr. G. S. Brush, M. I. T. '09, Vice-President of the Ballard Oil Burning Equipment Co., will talk on The Oil Burning Industry.

### G. S. 41 (CONTEMP LIT.)

By an error the hours for Prof. Rogers' general study in contemporary literature were given wrongly in Wednesday's TECH. The hours are irregular and are as follows: Tuesday at 1:00, Wednesday at 1:00, Saturday at 9:00.

### UNDERGRADUATE

#### TECH SHOW

Tech Show skits will be given at 7:30 tonight in the North Hall of Walker Memorial. All students are invited to attend.

#### SWIMMING

Varsity and freshman practice both start today. All men should report at once because meets begin this month. Practice hours are the same as last year. Tuesday, 4.30-5.30; Wednesday 5 to 6; Thursday, 5 to 6.

### PHYSICAL CHEMISTRY LECTURE

The first of a series of lectures on "Some Aspects of Modern Physical Chemistry" will be given by Professor P. Debye today, at 4:00 in room 4-231.

### "WANDERING GREEKS"

All "Wandering Greeks" are requested to sign their name in the book in the main lobby today.

#### WRESTLING

First varsity meet Saturday with Northeastern University. It is important that everyone on the squad report regularly the remainder of the week for practice.

Freshmen must come out to train for the Yale meet on January 17. Heavy men are needed for both squads.

### TECH SHOW ORCHESTRA

Rehearsal of the Tech Show Orchestra will be held in Walker, north hall today at 5.

#### MUSICAL CLUBS

Technique pictures will be taken of all Musical Club men at Notman's Studio, 1286 Mass. Avenue, Friday January 9, at 5.30. Bus leaves for Lexington after pictures.

### INFORMAL DORM DANCE

An informal Dorm Dance will be held in Walker, January 16, at 8. Admission \$2.

### HANDICAP TRACK MEET

A Handicap Meet will be held on Saturday, January 10.

### T. C. A.

In order to render greater service the Executive Committee of the T. C. A. announces that beginning today the T. C. A. will close at 5.30 instead of 5.

### EX-SERVICE MEN

Ex-service men in the Institute who have not as yet put in application for adjusted compensation may obtain blanks from the T. C. A. office.

### BOOK EXCHANGE

Men having in their possession text books called for in the General Bulletin and desiring to sell the same at two-thirds the price paid may do so at the T. C. A. Book Exchange.

### MILITARY SCIENCE

The Coast Artillery Corps will hold classes in room 3-310 instead of room 2-170. The latter room will continue to be used by the Signal Corps.

### BASKETBALL

There will be two basketball games Saturday. Northeastern '28 will play M. I. T. '27 at 7:30 in Walker Gym, and Northeastern will play M. I. T. at 8:30 in the Hangar Gymn. There will be dancing after the game.

## Student Succeeds In Crossing Of Charles

An intrepid student has finally braved the dangers of the Charles river and the Metropolitan Park police and crossed the ice in safety. Yesterday afternoon a dim spect was discerned near the Boston side of the river and interested bystanders began to speculate on the fate of the embryo Commodore Peary. Many expected him to emulate Eliza before he succeeded in reaching the Cambridge shore, but fortune was kind and the explorer got to the landing in safety.

No reception committee of policemen was at the dock to meet the traveler. Either his presence was not discovered, or the officers sympathized with the attempt to prove the ice was safe for navigation.

## FOREIGN STUDENTS IN COLLEGES FORM CLUB

### Organization Is "Intercollegiate Cosmopolitan Club"

There has recently been formed an Intercollegiate Cosmopolitan Club of Greater Boston. Its formation has been under consideration for some time and plans for it were made last December when an executive committee met several times in the office of the Christian Association. Membership in the club is limited, all foreign students being eligible, but only a certain number of American students. The committee has decided to have five monthly meetings during the remainder of the school year.

The first of the five meetings will be held next Sunday from 5 to 7 o'clock, in Bates Hall of the Boston Y. M. C. A., 312 Huntington Avenue. The speaker at this first meeting will be president-emeritus Eliot of Harvard who will address the club on the subject, "Assimilation." The Institute will be well represented, twenty-four students here having signified their intention to go. Any other students at the Institute who are interested, whether foreign or American, may put in applications for membership at the office of the Christian Association. The meetings will be divided into three periods, part of the time to be devoted to a supper, part to an address, and part to a sort of social get-together. A charge of two dollars will be made for attendance at the five meetings, this to defray the cost of the suppers only.

## ECLIPSE WILL HALT HARVARD MID-YEARS

For the first time in its history, Harvard will allow its academic machinery to be slowed up by a natural phenomenon which on January 24, the day of the eclipse, the midyear examinations which are scheduled to commence at nine o'clock will be postponed until ten o'clock in order that students taking these examinations may view the eclipse from the most favorable position possible rather than through classroom windows.

## BURSAR MAKES MONEY ON FINES THIS TERM

According to figures given out yesterday by Assistant Bursar D. L. Rhind, the amount of fines collected this term is almost double that of last term. This term 290 students have paid fines totalling \$1450, including fines for both condition examinations and late registration, whereas last term only about \$800 were collected.

Although second term receipts from this source are always greater than the first term's, Mr. Rhind declares that nearly fifteen hundred dollars is an exceptionally large amount. He attributes the increase over last term to the desire of many students who live away from Boston to sacrifice the five dollars for the sake of an extra day at home. Also, some men who work during vacation find it profitable to work an extra day.

## LATEST IN RENTS IS TO CHARGE FOR AERIAL

A tenant in New York has gone to court to complain against his landlady who has torn down his radio aerial. The magistrate scratched his hair, if any, and murmured that this was an entirely new point in law and adjourned the hearing until he had worked it out. It seems a wise thing to do. For how far does a tenant's right to the air extend? Is the roof over his head his at any time during the period of tenancy? Will landlords develop the custom of charging extra for the space in which aerials are strung? Are they entitled to do that lawfully? When an aerial goes up does it become a permanent improvement and revert to the landlord after the expiration of a lease? These are matters of extreme interest to radio customers and might be argued out through a broadcasting station to the entertainment and enlightenment of the country.—Toledo Blade.

## DANCE TO BE GIVEN BY 1927 THIS TERM

### Frosh Also Plan Hop Although Nothing Definite Decided

At an interview with P. I. Cole, President of the Sophomore Class, a statement was made to the effect that the Class of 1927 would probably hold a dance sometime during the present term. As social activities usually have the ascendancy over athletics during the Winter Term, it has been more or less of a custom in the past for all classes with the exception of the Juniors, who must get ready for their prom in the third term, to hold dances during the second term.

The Class of 1927 held a dance during the second term last year and if rumors are correct this year's freshman class will do likewise although no definite plans have been drawn up to the present date. Similarly nothing definite has been accomplished toward deciding matters regarding the Sophomore's hop of this term, but a meeting of the class officers at an early date will probably get things under way soon. The frosh also intend to settle the details of their affair in the near future.

The Seniors have as yet nothing to say regarding a dance. However, considering the two hops proposed above, the Winter Concert and Dance of the Combined Musical Clubs on the 23rd of this month, the Dorm Dance next Friday, and the Tech-Dartmouth Concert and Dance of the clubs which may take place this term, there will be plenty of work afoot for the social hounds if things plan out as expected.

## UNIQUE CLASS CONTEST AT OKLAHOMA COLLEGE

A school of citizenship is now being run by twenty-one undergraduates of Princeton University. Approximately 100 aliens of the town are taking advantage of this opportunity to learn enough about America and its ways to obtain their citizenship papers.

It is reported that many have enrolled in English, civics, economics, and science courses, as well as just the subjects required for naturalization papers. Classes are being held in Dorothea House, a community house, erected in memory of Henry Van Dyke.

## THE LOUNGER

Continued from Page 2)

selves completely robbed by the time light had again returned to earth. The Institute would be faced with the necessity of raising tuition to take care of the increased expenditure for lights; lecture classes might have the same urge as fowls and figuratively go to roost; absent-minded professors thinking it might intuitively start their way homeward, etc. Anyway, who wishes a holiday?

The med clinic is an extremely busy place these days. We suspect the holidays had something to do with it. A couple of weeks of sleeplessness, several surplus tons of food, plus other dissipation is bound to react. The Lounger is of the opinion that the value of the clinic is not fully realized.

We wonder if the intercollegiate cross word puzzle contest held in New York over the holidays will start similar ones. How about a national tournament to determine the most facile collegiate wordsmiths—to determine the most gabbling student body in the country? In advance we feel that a nearby institution would have a walk-away. Of course for rapidity, the women would come through in advance.

## T. C. A. OFFICE WILL BE OPEN HALF HOUR MORE

In order to be of greater service to Institute men, the office of the Christian Association will be open in the future until 5:30 instead of 5. The Executive Committee discovered from observation and inquiry that there are many men to whom the Association could be of service providing the office was kept open later, and because of this and because the office is many times open officially, it was decided to keep the office open officially until 5:30.

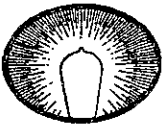
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## Engineer Quintet Defeats Northeastern Outfit 24-23

### VISITORS GIVE UP LEAD IN LAST TWO MINUTES OF PLAY

Pretty Shot by Forrester in Last  
Period Gives Win to  
Beaver Team

### TEAM WEAK ON FREE TRIES

Coming from behind in a sensational spurt in the last two minutes of play, the engineer basketball team defeated Northeastern in the opening game of the season in the hangar gym Saturday night. The game was close all the way, with Northeastern leading by a few points up to the end, when Forrester made a brilliant shot from the middle of the floor for the winning point. The contest was played before an audience of about 400.

Ernie Hinck, a sophomore, led the scoring with four goals from the floor and one point on free tries. Forrester and Simonds were tied with two baskets apiece. Renker, fast travelling forward of the Northeastern team, held high score honor for the visitors with three goals from the floor.

**Teams Throw Wildly**  
Northeastern showed remarkable ability in placing long shots from the center of the court but were likewise equally proficient in fouling the engineer players. Four of Technology's points were made from free tries from about twice as many attempts. Renker scored the only free point for Northeastern.

Play started off at a fast pace. Wilcox was fouled, but failed to sink the try. Renker, Northeastern's fast forward, sank a long shot for the first tally. Tech followed with a double decker. Northeastern sank another long distance one. A fever for wild shots developed, and both teams threw the ball in the general direction of the basket without effect.

Tech's team play came into effect again, and Wilcox dropped one through

(Continued on Page 4)

### P. W. LITCHFIELD '96 WILL ADDRESS SENIORS

### Goodyear Executive Interested In Aircraft Manufacture

P. W. Litchfield '96, Vice President and Factory Manager of the Goodyear Tire and Rubber Company, who will deliver the first Aldred Lecture of this term to Seniors and graduates in room 10-250 this Friday at 3 o'clock, is considered to be one of the men responsible for Goodyear's place among the 12 largest industrial corporations in the United States today.

Aside from having supervised the production of over 60 million automobile tires, Mr. Litchfield has been actively interested in aeronautics for a great many years, and at present is also vice president and general manager of The Goodyear Zeppelin Corporation. This Goodyear subsidiary has taken over the Zeppelin rights for America, and the first ship to be constructed will have a capacity of over 5,000,000 cubic feet.

Goodyear has been a pioneer in lighter-than-aircraft manufacture, and anticipating the government's requirements in 1916, a 500 acre balloon field was established at Wingfoot Lake and a 400 foot steel hangar, large enough for two full size dirigibles, was erected several miles away from the Goodyear factory in Akron.

Hundreds of spherical and observation balloons and many airships were turned out by the Goodyear Company during the war, and over 500 officers of the army and navy were trained as pilots at Goodyear Field. In 1923, nine propelled airships were built for the army and navy, including TC-1 and TC-2, the largest non-rigid ships ever built in America. Mr. Litchfield, who had directed the construction of more than 500 aircraft of all description in the last 12 years, also supervised the construction of the gas bags for the first American rigid airship, the Shenandoah.

## CLUBS PLAY MANY ENCORES AT LAST FRIDAY'S CONCERT

Banjo Club and Banjo Duet Get  
Majority of Applause at  
Old Belfry Club

### SIGN-UPS ON SALE TODAY

Details of Pedometer Contest  
Decided on By Clubs' Management

With the first concert of the term over and plans practically complete for their Winter Concert, the Combined Musical Clubs have taken the first bite out of their heavy schedule this term. Encores ad infinitum would have been the feature of the concert at the Lexington Old Belfry Club last Friday evening if the audience had had its way. As it was, it took all the efforts of the management to keep the program within the prescribed time limits. When asked for a criticism of the affair, President Mathews of the Old Belfry Club said, "The only criticism I can offer is that there was not enough of it. You did not give enough encores."

The Banjo Club and the banjo duet by Raymond Mancha '26 and D. A. Shepard '26 were evidently the most popular offerings on the program since the former was applauded for three minutes and forced to play an encore while the latter eventually rendered three encores.

### Pedometer to Decide Winner

The management of the clubs has decided on several details of the Winter Concert to be given on Friday evening, January 23, in the Louis XV Ballroom of the Hotel Somerset. The concert program will be limited to nine numbers in order to allow the maximum possible time for dancing. Regarding the dance orchestra to play for the affair, the clubs have made no decision, since it is a question of whether an outside orchestra should be hired for the dance following the concert or whether the job should be undertaken by the clubs' orchestra.

### Ticket Sale Starts Today

It has already been announced that the clubs intend to initiate a new style of divertissement at the concert in the shape of a guessing contest. One of the members of the clubs will carry a pedometer in his pocket throughout the evening. The instrument will be set at zero at the beginning of the affair and will be stopped at 3 o'clock. Small slips of paper will be distributed with the program at the start of the performance. Those attending the concert will write their names and their guess at the pedometer reading on their slip of paper and will deposit it in a box provided for the purpose. The winner will receive free couple tickets to the Spring Concert and the Tech-Dartmouth Concert.

Sign-ups for the Winter Concert will be on sale starting today from 11 until 2 o'clock in the main lobby.

## CLASSES CLAMOR FOR TECHNOLOGY CIRCUS

Decision To Be Reached At  
Institute Committee Meeting  
On Thursday

That a Technology Circus is desirable seems to be agreed by everyone including the presidents of all three classes. The only question is one of expediency for since the new decorations in the main hall of Walker will probably prevent the holding of the circus there, it will be necessary to find another place.

G. L. Bateman, president of the Senior Class declared, "I believe the student body wants a circus and I am in favor of arranging one for it." As president of the Institute Committee Bateman has appointed a sub-committee to determine the facts of the circus situation, and the committee will present a report at the next meeting of the Institute Committee.

"I am very much in favor of having a circus, and I am sure that the entire Junior Class thinks so," is the comment of R. W. Head, president of the Junior Class. "Moreover, I have spoken with many members of the Institute Committee and of the various classes and I find that everyone is in favor of the plan. Anything like the Technology Circus which rouses the school spirit of the student body is a good thing for the Institute."

"The student body at Technology has too few opportunities to get together for us to allow so splendid a chance as a Technology Circus to escape us," says P. I. Cole, president of the Sophomore Class. "A Technology Circus is a fine thing since it brings all the students together socially thus affording an opportunity for the building up of a great Technology spirit. I am heartily in favor of the plan and believe that those who have charge of it should do all in their power to put it across."

## "Institute Exercises Will Not Halt for Total Eclipse"—Dean

"As far as I know there will be no halting of classes on Saturday, Jan. 24 to see the eclipse. Although Smith and other colleges in the path of the total eclipse have called off classes in order that the students may see the eclipse there is no need of this institution doing the same as we are not in the path of the eclipse. I did not know that the students were in favor of such a move," Dean Talbot stated Saturday.

The eclipse will occur on the morning of January 24 about nine o'clock and will be wholly visible to all people in its path which will be about a mile wide. The strip in which the eclipse will be total will extend from New York to Springfield, running south from Springfield through Providence as the northern boundary and through New York City in a south-easterly direction as a southern boundary. The eclipse will be visible only about two minutes and then only if the day is not cloudy.

### To Run Train

The phenomena looked for with great interest are the solar prominences near the edge of the disc, and the corona, which reaches out for some distance from the sun, but which is so faint that it is not seen to advantage if the observer's eyes are fatigued by watching the

approach of the eclipse. The best result is obtained by shielding the eyes from bright light until totality begins. About 30 degrees to the right of the sun will be seen in a group the three planets, Mercury, Venus, and Jupiter.

In order for people in and around Boston to have a chance to see the total eclipse the New York New Haven and Hartford Railroad will run a special coach train to Westerly, R. I. where the eclipse will be wholly visible. The Board of Trade of Westerly have arranged a special platform within ten minutes walk from the station where every opportunity will be given to see it, providing the weather is favorable. The price of the fare on the train will be \$3.18 round trip, the return being made directly after the eclipse arriving in Boston about 12 o'clock.

Although the eclipse will be 99 per cent visible in Boston the one per cent of the sun that will not be covered will spoil the whole show and will not affect the sun materially. In places where the eclipse will be total all hens and animals will go to roost and cocks will crow as if night had come. Many fanatics will also have a chance to tell the public that the end of the world will come at the same time.

## LARGE TURNOUT AT TECH SHOW ASSEMBLY—COACH PLEASED WITH MATERIAL

### Professor Refuses to Smoke Cheap Cheroot

At yesterday's Popular Science Lecture on gasoline and other fuels, Professor Gill had occasion to use a lighted cigar in making experiments on the inflammability of gasoline. Displaying what he termed a "cheap" cigar, Professor Gill instead of proceeding in the usual manner of lighting the cheroot by direct inhalation, placed it in the end of a tube which led through a series of flasks and more tubing to a water suction, and lighted it with a Bunsen burner. The professor did not offer any reason for this peculiar method but left it to be wondered whether it was because he was a total abstainer from nicotine or whether it was due to the low quality of the cigar, which latter was amply evident from the fumes evolved in the process. Incidentally, the gasoline, being in a tall beaker and thereby prevented from a mixture with air, was not ignited when the cigar was brought near.

## ENGINEERING NEWS IS OUT WEDNESDAY

Will Contain Articles on Patent  
Engineering and the Uses  
Of Polarized Light

"Patent Engineering A Coming Profession" is one of the interesting articles in the January issue of the T. E. N. which will be placed on sale in the main lobby Wednesday morning.

The story of the use of the patent engineer and his trouble is ably told by Robert Naumberg '16, now in charge of the Patent and Research Department at the Sacco-Lowell Shops at Lowell, Massachusetts, will be of interest to all Seniors who have started to think of their first engineering position when they graduate next June. Mr. Naumberg states that the man with knowledge of engineering added with the knowledge of the patent office will be able to swamp competition of engineers who do not understand the patent laws.

There are many other interesting stories that go to make up the issue especially the leading story of the book, "Causes of Failure of Metal Surfaces Shown by Polarized Light," by Prof. Heymans which illustrates how phenomena of double refraction, thought of as only in the sense of Optics are at present used with remarkable results for the solution of problems encountered by the mechanical and civil engineer, and the metallurgist.

The opening illustration on the first page of the book reminds one of the Viking days of old when Captain Kid patrolled the seas and made all opposition pay him homage. The picture is a cut of the Keying, a Chinese junk of long ago which is in the collection of Mr. Clark. There are also many other pictures of the former sloops that were in vogue before the days of the steamboat illustrating the story of Tech's Auxiliary Fleet by Capt. Elliot Snow of the United States Navy.

### CIVIC RECOGNITION IS ASKED FOR FIRE HERO

A member of the Naval Architecture Society, on reading of the heroism of V. J. Weatherley at the Scobey Hospital fire, decided to ask the president of the Humane Society of Massachusetts to give some official recognition.

On being interviewed this officer stated that the government always honors any of the men in the service who do some notable act of heroism. He feels that it is only just that the same course be followed in civil life. The Humane Society of Massachusetts can give the desired notice. This organization was applied to both because it would be particularly interested in a student in Boston, and for the reason that the heroism was at a hospital fire.

## CAST, CHORUS AND BALLET CUTS MADE AT FIRST MEETING

New Wayburn Introduces Unique  
System in Selecting  
Candidates

### POSTER COMPETITION OPEN

"Wonderful material here,—I'm sure of it," said Ned Wayburn, coach of Tech Show 1925 at the first assembly of all candidates on Saturday evening. Mr. Wayburn was particularly pleased with the personality of the men who turned out, saying that in the try-outs for the average amateur show this important characteristic was greatly lacking.

North hall was filled with enthusiastic candidates who were anxious to sing, dance, or take a speaking part in Tech Show 1925. Every sheik and Thespian at the Institute was present at the first meeting—each waiting for an opportunity to reveal his talents as a juvenile, light comedian, chorus girl, or chorus man. Forty-six men took part in the first tests for members of the chorus and ballet alone, and 30 others were present for the first eliminations for the cast.

### Coach Uses Unique System

Mr. Wayburn first outlined his method of coaching, extremely simple and greatly different from that employed by previous coaches of Tech Show. "Discipline," he stated, was the most important feature of his school of dancing. He also emphasized the fact that all rehearsals must come on time, and that every member of the cast, chorus, or ballet must appear on the minute in order that no time be wasted. All of the players will receive instructions as to "make-up," the use of several extra people to make up the actors being a waste of time and expense in Mr. Wayburn's opinion. "Nothing is so pathetic," he said, "as to see a group of amateur players with poor make-up." After further instructions and a brief explanation of some of the technical terms in stagecraft, the coach proceeded to put all candidates for the chorus and ballet through a series of group tests, all of which were to determine whether or not the men had a proper "sense of rhythm." Several of

(Continued on Page 4)

## FRESHMEN TO HEAR OF TECHNOLOGY LIFE

At the request of President Stratton the 11-12 hour on Thursday has been left vacant in the class schedules for the entire first year class during the present term. At this hour there will be given a series of more or less informal talks relating to life in and about the Institute, the selection of professional courses, and a few topics which will be helpful in broadening the outlook of students who plan to complete four years of residence. The talks will be given in 10-250 and for the present, at least, attendance will be voluntary. Some of the speakers will be members of the Institute staff, others from outside. It is expected that President Stratton will speak to the class when he is able to take up his work again.

The first of these talks will be given on Thursday, January 15, at 11 o'clock, in room 10-250, by Dean H. P. Talbot, on "Technology Life and Traditions."

### CALENDAR

Tuesday, January 13  
6:30—Crew Dinner, north hall, Walker.  
Tuesday, January 13  
6:30—Pi Delta Epsilon meeting, Riverbank Court Hotel.  
6:30—Crew Dinner, north hall, Walker.  
Thursday, January 15  
4:00—"Recent Developments in Science" Lecture, room 10-250.  
Friday, January 16  
8:00—Informal Dorm Dance, Walker.

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\* Leave of absence.

In Charge of This Issue:

T. W. Owen '26

### THE CIRCUS

At the beginning of this term we pointed out that, since it is out of the question to hold a circus in the newly decorated main hall of Walker, the hangar gym would be a highly satisfactory substitute. The question of whether or not there be a circus this year comes up again this week, when it is probable that the circus committee will present their report at the meeting of the Institute Committee.

A little consideration cannot fail to show that the hangar gym is excellently adapted for the circus. There is as much actual floor space as in Walker, and in addition there is an excellent stand for spectators, besides a small stage, which would be ideal for special events without interfering with the main floor space by erecting a platform. The floor is unobstructed by pillars, and there is little likelihood of damage to the gym, in view of its construction.

The circus is a splendid medium for the development of Institute spirit and activity, and it is certainly to be hoped that the circus committee will recommend favorably on it.

### COLLEGE MISFITS

At the recent meeting of the American Association of Colleges the point was brought up that millions of dollars were wasted annually because so many go to college and are forced to drop out sooner or later because of mental unfitness. It was contended that the money spent upon these students is a waste.

If this be true the first question that arises is: Why do the colleges allow these incapable people to get within their portals? Is it this money, this wasted money, that the colleges are anxious to get? Is it that they are trying to strengthen their position through the mere force of numbers? Or is it that they consider that out of much chaff can be gleaned a maximum of ability.

Taken from almost any viewpoint it seems that the colleges themselves are to be taken to task as being responsible for the failure of so many misfits in college. Something is wrong with entrance requirements; the colleges do not try sufficiently hard to weed out the weak material at first.

In the army, in numerous colleges, and in industrial work psychological tests have proved that they give an accurate index of mentality. In colleges they have shown how many, many students with low intelligent quotients try to enter, and they have made it possible to prevent them from doing so. This is but one form of effort that colleges can make to keep out the dead wood.

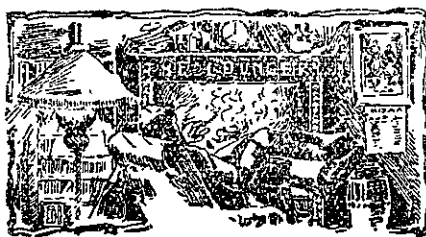
It is up to every man to study his own case. An F is no reason for summarily dropping all one's activities. On the other hand, an H or two is not any ground for overloading with extra work. Discretion and moderation should rule in either case. No one else can dictate how much time any given man should devote to non-academic work.

### ACTIVITIES AND THE MAN

With each set of reports sent out by the Institute, with the corresponding set of Faculty Votes, there comes a renewal of the old discussion as to how much time a man should put on his studies, and how much he can afford for activities of one sort or other. This term, as always before, attempts at generalization have been made. Endeavors to generalize about such a topic never have been successful and never will be. Each individual case must be studied separately.

There have been efforts to say just how much outside work the average man can do without interfering with his outside work Technology. With no intent to criticize any particular person, we beg to disagree. We do not desire to cast aspersions at this man or that one, but we feel that since none of us are "average" all the way through, the plan of attempting to fit every man to some arbitrary standard will not work out in practice. Fortunately, this fallacious plan is being followed only by a small minority of advisors, and it is hoped that the number will decrease as times goes on.

It is impossible to say, for example, that a man will pass all his studies if he devotes only so many hours a week to recreation and other things that will give him a change of thought. It all depends upon the individual. Some men can carry several activities and get high marks—others fail when they do nothing but work. (Work, of a valueless sort, of course.) Is it not better to work hard and play hard as we have been advised to again and again, than to spend hours at one's desk, when half the time spent in concentrated work and the rest at some diversion would do the trick just as well?



The Lounge got the thrill of his young life the other day—he found a long, official looking envelope from "Who's Who" in his mail box. "Aha!" he thought, patting himself mentally on the back, "I see my fame has spread abroad." He opened the impressive missive and saw within a questionnaire, asking him to put down his "special achievements or inventions," to tell of what corporations he was director, to give a brief outline of the books he had written, and much more similar information about his life history. He had just about decided that people had at last realized his greatness, and had started to write a sketch of his work with THE TECH, when in came his roommate, flourishing a duplicate epistle, pointing to a little request for a ten dollar subscription to "Who's Who in Engineering for 1925" which the Lounge had previously overlooked. His air castle had crumbled. If ordinary engineers like his roommate can get their names in the book by the payment of a paltry ten bucks, the Lounge will save the ten for future use. It was quite delightful to feel famous, even for a short time, however, despite the shock of realization that it was all a money making scheme!

The Church Directory that his colleagues put in last Friday has been a never failing source of amusement to the Lounge. His interest was aroused by one of the announcements of a rather famous Boston church to the effect that there would be a "Young People's Meeting at 1 A. M. Sunday." That is a church after the Lounge's own heart. Midnight parties to amuse the pleasure seeking and hell-bent younger generation. Hot stuff!

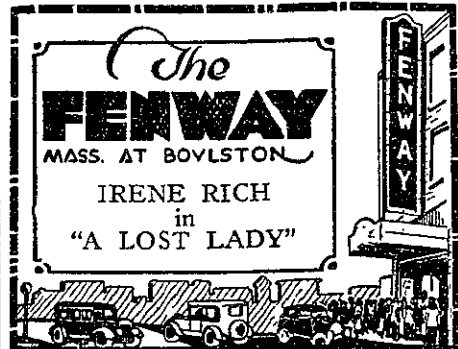
One of the prettiest compliments ever paid to an R. O. T. C. man was overheard by the Lounge the other day in Boston. One of our embryo Reserve Officers, togged out in his finest boots and spurs, shining marksmanship medals, brilliant buttons, a campaign bar or two to add a bit of color, and all the rest of the "fixings," was walking down the street, doing his best to carry himself like a West Pointer, when a little urchin pointed him out to a friend in awed admiration, saying in a hoarse stage whisper "Look, dere goes a sogger!" Now isn't that the finest compliment one could wish for—to be thought a real soldier?

The Lounge wishes that his fellow workers of THE TECH would run a Wellesley information column as well as Church and Play Directories. It would have helped tremendously Saturday. How in the dickens was the poor Lounge to know that there was skating on the pond in the college grounds? Think how much better it would have been had he known through the Wednesday's issue of THE TECH that skates were being used. Being by nature athletic, he would much rather have skated than wasted a whole evening talking to a woman.

Who says we have no traditions at Technology? All you who beef about needing traditions, honored and revered, must have forgotten our really old, time honored traditions: flunking Applied and Heat! The dictionary calls a tradition "that practice or custom which is handed down from generation to generation." Ergo, (as the cross-word puzzlers would have it) F's in the 2.2 something courses and those starting with 2.4 and 2.5 are traditions.

### Play Directory

**BOSTON OPERA HOUSE:** Chicago Opera Company. Tonight, "Aida." Tuesday eve, "Louise." Wednesday matinee, "Boris Godunoff." evening, "La Boheme."  
**COLONIAL:** Earl Carroll Vanities. Last week.  
**COPLEY:** "Children of the Moon." A play by Martin Flavin.  
**HOLLIS:** "The Rivals." Famous play by Sheridan, opening tonight.  
**MAJESTIC:** "Dixie to Broadway." L'eppey colored revue. Last week.  
**PLYMOUTH:** "Cobra." Straight from the shoulder drama of today.  
**ST. JAMES:** "Disraeli." Boston Stock Co.  
**SELWYN:** "In the Next Room." Melodrama, mystery, and such.  
**SHUBERT:** Ritz Revue. Last week.  
**TREMONT:** "Be Yourself." Musical comedy, set in Tennessee.  
**WILBUR:** "Expressing Willie." Delightful comedy acted by an excellent cast.



### Communications

To the Editor:

After reading the account of the meeting of the Advisory Council on Athletics we wondered if that important body has not lost sight of the purpose for which it was formed. To quote the catalogue, "The purpose of athletics at the Institute is not to develop highly trained teams, but rather to encourage all students to participate in some form of physical recreation. The success of a given athletic activity is gauged by the number of men it attracts." The object of the Council is to uphold athletics as stated. They also seem to be concerned with an imaginary menace of professionalism.

For a college to have professional athletes on its teams at least two things are necessary: money and enthusiasm. At some colleges the gate receipts of games and eagerness of alumni to be present and back the team make both these things very evident, but at M. I. T., where there is no revenue from admissions, and where contests with outside colleges are viewed by a meagre handful of students, this menace of professionalism is practically nil.

However, the chief object of the Council is stated to be the inducing of as large a number of men as possible to get into athletics. But what is it that makes men get into sports? Why is it that at least a quarter of the freshman class at Yale or Princeton go out at the first call for football men? It is because the men who make the varsity will play the best teams in the country on even terms. Why is it that about 60 per cent of the student body at Princeton is in some form of athletics? It is because the teams of that university are successful in the accepted sense of the word and to make one of the teams means something to the undergraduate. Why is it that at Williams over half of the students participate in sports? It is because the teams of that college, while not of the calibre of those of larger colleges, compete successfully with colleges of their own size.

Conversely, the M. I. T. swimming squad this year did not have enough men to make up a class meet, and we find that the varsity of last year lost most of their contests. The frantic appeals for candidates on the boxing team is the direct result of last year's record. On the other hand, the crew was fairly successful last year, and the squad has greatly increased.

Interest in a team means a large squad. But it takes more than moral victories to make the Institute take interest in a team. When the Council take cognizance of this fact they will try to help, not hinder, the varsity teams. The eligibility rule passed at the last meeting will certainly injure some teams. Weakening a team will decrease the number of candidates for the succeeding squad: this means decreasing the number of men out for athletics.

Is this the object of the Advisory Council on Athletics?

(Signed)

Gaillard Hunt '27.

Richard W. Carlisle '26.

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# WRESTLERS DEFEAT NORTHEASTERN

## Defense Proves Ineffective As Engineers Drop Hockey Game to Dartmouth

### MAT MEN EASY VICTORS IN INITIAL MEET OF SEASON

Technology Takes Five of the Seven Bouts by Falls and Kurtin Takes One by Decision—Visitors Win in 145 Pound Class

Technology's wrestlers won an easy and decisive victory over the Northeastern grapplers in the opening match of the season for both teams in the hangar gym Saturday night. Six of the bouts were decided by falls, and a decision was rendered in only the 125 pound tussle. The score was 28 to 5. Burke of the engineers held the low time record by throwing his opponent in the unlimited class in the fast time of 1 min. 15 sec. The 115 pound bout between Coyle of Tech and Katzift of Northeastern was the most closely contested, the match going to the engineers by a fall in the second overtime period.

Coyle, champion of last season's intercollegiate meet, and Katzift engaged in the referee's hold until the end of the first match, no decision being rendered. In the first overtime period, Katzift was granted the advantage but was caught in a wristlock and Nelson which Coyle held on him until the time was up. Coyle was given the advantage in the second overtime period and threw Katzift with a wristlock and Nelson in 1 minute and 25 seconds.

**Kurtin Gets Decision**  
The 125 pound match furnished much excitement, for both men had great advantages at various intervals. At the start, Kurtin held a bar Nelson and scissors on Peterson, but by quick tactics, Peterson obtained a Nelson hold from which Kurtin barely wriggled out. Kurtin then got his former hold and gave the Northeastern man much punishment. Both men appeared wearied at the end of the fast period for which the decision was given to Kurtin.

At the start of the 135 pound match, Cohon took a wristlock and Nelson on Dewart which he held intermittently with advantage. The men were down on the mat constantly, Cohon finally winning after 4 minutes and 55 seconds. Sanborn worked fast and had Jacobson in danger at the start of the 145 pound clash, but Jacobson obtained a Nelson which he held for some time. Sanborn suddenly made a clever reverse and threw Jacobson with a double arm lock. Time, 6 minutes and 50 seconds.

In the 158 pound class, Greer wrestled with ease, holding Ramsey with scissors and cradle holds. Ramsey put up stiff resistance and wriggled out of danger constantly, but was thrown after 7 minutes and 3 seconds when Greer went from a scissors to a wristlock and Nelson.

The 175 pound match was won by Tryon in 2 minutes and 48 seconds. In the beginning, Tryon picked up Morris with a crotch hold, both going to the mat. Morris soon succumbed to a Nelson which Tryon applied. At the opening of the unlimited class match, Burke was in serious danger when Pennimen threw him with a flying mare, both going to the mat. This match was exceedingly fast in that Burke won with a Nelson and

### Oarsmen To Hold Dinner Tomorrow Night In Walker

Dr. A. W. Rowe '01 and Coach Bill Haines Are Among The Speakers

Tomorrow evening at 6:30 o'clock all crew men of the three upper classes will gather in the North Hall of Walker for a dinner, at which the coaches and managers will outline the plans for the Spring season. The main idea for the affair is to get the men together prior to the commencement of the regular practices at the boathouse. Following the dinner short talks will be given by Bill Haines, Dr. Rowe, Manager Guy Frisbie, and the other coaches.

During the first week of this term only the freshmen have been reporting for rowing practice, but on Wednesday afternoon all the crews will start in on an intensive training for the remainder of the term. It is the desire of the coaches to get the men together at a dinner in order that they may fully understand what is expected of them and why their whole hearted support is absolutely essential to the success of the sport.

Bill Haines plans to give the men one of his sincere talks on what he expects of them during the season. For the Varsity, Junior Varsity, and 150 pound crews he has a real message, and all the men on any of these crews are especially urged to attend.

It is Bill's opinion that if the men on the competitive crews can be made to realize what they are up against in the line of competition early in the season, they will be more nearly ready to meet the opposing crews when the time comes. In his talk he will undoubtedly stress emphatically the necessity of the men coming out as soon, and as early in the season, as possible.

**Manager Will Speak**  
Just what the Alumni are doing to help the Technology oarsmen, and what they expect to do during the coming season will be outlined by Dr. Rowe in his talk. Professor Dellenbaugh, Chairman of the Rowing Committee, will have a few words to say.

As the management has no means of determining the number of men that will be present, a crew bulletin has been posted on the bulletin board of the main lobby. All men that expect to be present, should sign their names not later than this afternoon. Failure to do this merely means that the management has no idea of the number that will be present.

### Despite Injuries, Captain Everett Helps Green Team Win 7-2 Victory

Technology's puckchasers went down to defeat before the fast traveling Dartmouth sextet at Hanover Saturday, in the Green's first home hockey game of the season. The score was 7 to 2, Dartmouth establishing its lead in an early period and holding it throughout the game. Despite the fact that Coach Wiggett has been stressing the combination play, the engineers were lacking in team work and generally were ineffective.

**Randall Stars**  
Captain Everett of the Dartmouth sextet, who sustained injuries in a previous game, was used against Technology only for a portion of the last two periods. In the second period, Everett was not spectacular but when put into the game towards the end of the last period, broke through the Tech defense and unassisted tucked away one of the nicest shots seen in the game.

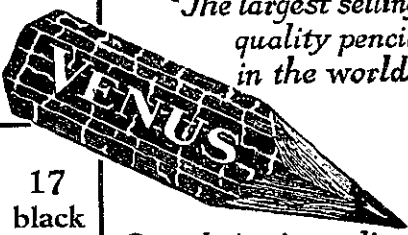
**Randall Scores Twice**  
Berkeley of the engineers carried the largest burden of the defensive work, while Randall, in left wing position, was the engineers' most prominent carrier of the puck. The absence of Eddie Moulton from the forward line was seriously felt for his pretty shots for the net were always dependable as one of the redeeming features of a Technology contest.

Randall scored both points for the engineer delegation and provided lots of work for the Dartmouth defense. Although Technology had several easy chances to score, ineffectiveness in shooting proved a serious handicap.

**DARTMOUTH**  
Fryeberger (Dwyer, Duplin), l.w., r.w., Niles, (Capt.) (Crandall, Morton) Manser (Dwyer), c.  
Duplin (Everett, Capt., Dwyer), r.w., l.w., Randall (Weissner) Rowe (Mills), l.d., Berkeley Hardy (Fryeberger), r.d., Zubinski Anthony (Cleary, Fox), g., Richards Score—Dartmouth 7, M. I. T. 2 Goals—Manser 3, Everett 2, Duplin, Fryeberger, Randall 2, Referee—J. S. Brubacher, Umpire—J. W. Bowler. Time—Three 20m. periods.

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wristlock in 1 minute and 15 seconds after making a quick recovery.

Coach Cyclone Burns of the Engineer grappling team said after the meet that while the Northeastern wrestlers were clever and at times had the Technology wrestlers in danger they plainly showed lack of experience. He emphasized the fact that the wrestlers from Northeastern should not be underestimated as to their skill for the sterling performance of the engineer squad made the rival wrestlers look unskilled in comparison.

One hundred and fifteen-pound class—Won by Coyle, M. I. T., over Katzift, Northeastern; fall, overtime 1m. 25s.

One hundred and twenty-five-pound class—Won by Kurtin, M. I. T., over Peterson, Northeastern; decision.

One hundred and thirty-five-pound class—Won by Cohen, M. I. T., over Dunward, Northeastern; fall, time 4m. 54s.

One hundred and forty-five-pound class—Won by Sanborn, Northeastern, over Jacobson, M. I. T.; fall, time 6m. 50s.

One hundred and fifty-pound class—Won by Capt. Greer, M. I. T., over Ramsay, Northeastern; fall, time 7m. 33s.

One hundred and seventy-five-pound class—Won by Tryon, M. I. T., over Morris, Northeastern; fall, time 2m. 48s.

Unlimited class—Won by Burke, M. I. T., over Pennissen, Northeastern; fall, time 1m. 15s.

### FRESHMEN DROP FIRST GAME TO NORTHEASTERN

The freshman basketball team dropped their opening game of the season to Northeastern 28 in Walker Gym Saturday night. The situation was the reverse of that in the varsity game, the frosh leading until the final stanzas, and then being nosed out. The score at half time was 19-9, favor Tech. The Beaver yearlings passing game weakened from then on, and Northeastern broke through to a 32-27 win. Mock and Capt. Estes featured for Technology, and Simmons for Northeastern.

Just preceding the game two of Luke Bannon's proteges were declared to be ineligible for intercollegiate competition for reasons which the coach did not state. The absence of these two crack players was apparently a severe loss to the yearling team.

### Competitors Turn in Fast Times In Handicap Track Contest Saturday

Saturday afternoon's handicap meet was sure a corker as far as running events are concerned for every race was full of pep, however, the scheduled weight events were curtailed on account of lack of competitors. George Leness ran a beautiful race in the 300 yard dash to win in a blanket finish from a well bunched field, while two distance runs were won by freshmen, the 600 by Pete Kirwin of frosh cross country fame and in the three-quarter mile by D. P. McIntire with a handicap of 50 yards won in the time of 3 minutes 29 seconds.

T. Guerin, a transfer, was the individual star of the day when he took both the high-hurdles and the pole vault. In the vault Guerin had a handicap of 12 inches while both Gray and Hallihan were jumping from scratch. The three of them cleared ten feet and Guerin won on his handicap. The 45 yard hurdles saw Guerin running from scratch against Collins and Jack Weibe, both of whom were also without handicaps.

**High Jump Interesting**  
Through some error in measurement the 50 yard dash was a little longer than the specified distance, with the result that the time had a discrepancy that made the race appear slow. G. V. Miller, a freshman, won in 6 1-10 seconds in a dash that was hotly contested. The sprinters were together for the first 40 yards, but in the last ten or 15 yards the field began to split apart to come over the line in a finish that was all but airtight.

Doc Connor's high jumpers put up an interesting contest which finally resolved itself into a jump between Fort and Browning, who were jumping from scratch. They both cleared 5 feet 7 inches, the same height that always terminates the efforts of the bar-toppers. That is to say it has been this way for the last two meets, before it was a little lower,—around 5 feet 6 and 5 feet 5. They have shown improvement and Doc has come up to a position of having two or three consistent performers from no jumpers at all.

Fifty-yard dash—Won by G. V. Miller (1ft.), time 6 1-10s.; second, A. R. McLane (2ft.); third, A. H. Brown (3ft.); fourth, H. Moggio (2ft.).

Three hundred-yard run—By G. Leness (scratch), time 34s.; second, Henry (7yds.); third, A. P. Kauzmann (5yds.); fourth, S. W. Stevenson (6yds.); fifth, C. M. Boardman (3 yds.).

Six hundred-yard run—Won by P. H. Kirwin (25yds.), time 1m. 18s.; second, A. R. Bailey (20yds.); third, C. B. Meagher (20yds.); fourth, E. E. Chute (10yds.); fifth, K. A. Smith (scratch).

Three-quarter-mile run—Won by D. McIntire (50yds.), time 3m. 29s.; second, De Fazio (60yds.); third, L. Cheney (25yds.); fourth, R. Walsh (50yds.); fifth, R. Smith (20yds.).

Fifty-five-yard high hurdles—Won by T. Guerin (scratch), time 63-5s.; second, Collins (scratch); third, J. Wiebe (scratch).

Pole vault—Won by T. Guerin (12m.), jump 11ft.; second, D. Hallahan (scratch), 10ft. 6in.; third, E. Gray (scratch), 10ft.

High jump—Tie for first place between M. Fort and H. Browning (scratch), 5ft. 7in.; second, Pease (3in.), 5ft. 5in.; third, Bardwell (scratch), 4ft. 9in.

## R E A D

THE VARIOUS ARTICLES PRESENTED IN THE NEW CAMBRIDGE SHOP OF FINCHLEY WERE SELECTED AND MADE TO MEET THE DESIRES OF COLLEGE MEN WHO DISCRIMINATE IN THEIR ATTIRE.

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## ENGINEER BASKETEERS DEFEAT NORTHEASTERN

(Continued from Page 1)

on a pretty pass from Hinck. Forrester heaved from the side for a basket. Northeastern found itself again and dropped two in a row. Time out was called for Northeastern.

Simond started for Forrester when play was resumed. Technology's passing game was working fine, but failed repeatedly to sink the ball after bringing it down under the basket. The visitors missed a free try, but the ball was tapped in from a scrimmage under the basket. Capt. Eager shot a long one which looked good but the ball jumped out of the hoop. The half ended with Northeastern leading 13-8.

At the start of the second half, Northeastern dribbled down the floor but lost the ball under the basket. Tech's guarding on such plays was so close that a point was rarely made in this way, most of the visitors shots coming from a distance. Renker sank another difficult shot.

### Beavers Close Gap

Wilcox threw a long shot which bounced off the rim, but Hinck tapped it up and it dropped through. Hinck continued his brilliant performance by looping a beautiful one handed toss over his head from the side of the court which sent the spectators into a riot. Capt. Eager sank one from near the basket and was followed by Ingram with another double decker. Northeastern sank another and Wilcox countered with one for Tech. Hinck barely missed another one handed loop shot from the same position, but a minute later sank one from the middle of the floor. Time out was called by Tech.

The score stood 19-18, favor N. E. with nine minutes to go. Forrester replaced Simonds, N. E., with himereu in at the start of play giving them a longer lead. Wilcox made another under the basket, and was followed by Renker Northeastern's sharpshooter.

With three minutes to go, Forrester tried a long shot, and Hinck repeated his stunt of pushing it back in as it fell off the rim, making the score 22-23 N. E. Time out was called by Northeastern, who was plainly worried by the turn events were taking. Play started with less than two minutes to play. Forrester got the ball, heaved it from the middle of the floor, and it swished through for the winning point. Neither team scored in the remaining time, and it was the Beaver's game by a 24-23 score.

## MEMORIAL LECTURE COMES JANUARY 23

### Friends and Former Students of Professor Sedgwick Found Lectureship

This year's Sedgwick Memorial Lecture, the third of the series, will be given by Professor W. J. V. Osterhout in Huntington Hall at 5 o'clock January 23, on the subject "Some Fundamental Problems of Cellular Physiology."

The Sedgwick Lecture Memorial Lectureship was instituted by the friends and former students of Professor W. T. Sedgwick, former head of the Department of Biology and Public Health, who died about four years ago. The present generation of Technology students know Professor Sedgwick only by hearsay, but, according to Professor S. C. Prescott, present head of the Department of Biology and Public Health, he was much more than a mere professor; he was a man of international reputation in the field of Biology, of striking and attractive personality, and an advisor and friend as well as a teacher.

"So strong was his influence felt by the graduates of his course, that after his death, his friends and former students established the Memorial Lectureship as a fitting remembrance and tribute to him, and one, which, it was felt, would have been most pleasing to himself."

It was decided to give one lecture each year, the subjects to be alternately from the field of Public Health and from Biology, since Professor Sedgwick was equally interested in both these subjects. Last year's lecture was given by Professor W. H. Welch of Johns Hopkins University, on the subject "Foundations of Public Health," so that this year's lecture will be on a purely biological topic.

Professor Prescott declares that while the subjects are not along the professional line of many of the students, they are topics of great general interest and as such will add greatly to the information and culture of those attending. He wishes that as many as possible make use of this opportunity of hearing a distinguished speaker talk on a worth while subject.

## HOMESTEAD OF NOTED ALUMNUS DESTROYED

Another of the old New England homesteads burned last week. It belonged to Nathaniel Herreshoff '70, the designer of the famous Sir Thomas Lipton's yachts.

Water facilities were inadequate so that the building, and most of the furniture was a total loss. Some valuable antique furniture on the first floor was saved before the flames drove the firemen out.

## MATHES '95 DELIVERS SURVEYING LECTURE

### Engineers Have Wide Opening In Aerial Surveying At Present

G. H. Mathes '95, an authority upon Aerial Surveying gave his first of a series of 20 lectures before 600 students Friday.

Mr. Mathes spoke on the three different forms of maps that are used by engineers, the difficulties of these maps, and the wide opening in this line for engineers.

"The first aerial map was made in 1861 from a kite and was a very crude affair full of errors. With the advance of the aeroplane the maps have taken on a practical significance and although the results are not yet perfect the map from the air of today is at least as good if not better than maps made from the ground. In a recent ground map made of a large area of ten miles the transit was found to be 210 feet out of line and was discovered by an aerial map made of the same territory," stated Mr. Mathes.

There are three maps made from the air that are in use at the present time; a Mosaic map, made by patching three or four separate aid maps together; a photographic map, made by rephotographing aerial maps; and the Line maps, a combination of the aerial map and the ground map.

With the use of the stereoscope the flat maps have now assumed practical importance as by looking through this machine hills and valleys are easily made out.

## LOWELL LECTURE GIVEN TONIGHT

### Last Lecture by Dr. Daly of Harvard Was on Science Of Earthquakes

At the second lecture of a series of eight entitled "Our Mobile Earth," which are being given each Monday and Thursday at Huntington Hall under the auspices of the Lowell Institute, Dr. Reginald A. Daly, Ph.D., S. D., who is giving the lectures, spoke on "Seismology, the Science of Earthquakes." Inasmuch as Boston had experienced an earthquake only the day before, the lecture turned out to be of very immediate interest. Dr. Daly mentioned the earthquake in his talk, stating that while he is not a trained seismologist he believed the earthquake to have been very near Boston and to have had its origin somewhere in the Merrimac Valley. With the aid of a pen and ink sketch, he described the seismograph record at Harvard.

### Professor at Harvard

Dr. Daly, who is now chairman of the geological and geographical department at Harvard University, holds degrees from several universities and has studied at Heidelberg and Paris. He was also for several years geologist for the Canadian International Boundary Surveys and for the six years ending 1912 was professor of physical geology here at the Institute. Since 1912 he has been the Sturgis-Hooper professor of geology at Harvard. He is a Fellow of the American Academy of Arts and Sciences and a member of several geological societies.

In his lecture Thursday night, Dr. Daly said that it is only recently that "the fault or tectonic origin of nearly all important earthquakes has become clear." He then illustrated this type of earthquake by giving an account and explanation of the California earthquake of 1906. In a summary of his lecture, Dr. Daly said that earthquakes of this nature are incomparably more serious than other forms, but that a more thorough understanding of the cause of earthquakes would enable a warning forecast to be made. The lecture tonight will be on "Nature of the Earth's Interior."

## WAYBURN IS PLEASED WITH SHOW TRY-OUTS

(Continued from Page 1)

the more awkward candidates were "spotted" at once and removed from the group.

Mr. Wayburn announced that the name of the book has been changed to "The Duchess of Broadway." The cast consists of 10 people, and according to the present plans, one understudy will be retained for each part. Rehearsals will start on February 6 and continue for six consecutive week-ends on Fridays, Saturdays, and Sundays. Maurice Darcy, Mr. Wayburn's "dean of coaches," will supervise each rehearsal.

There will be an important meeting of all music and lyric writers on Wednesday in North Hall, Walker, at 4 o'clock. Those men having classes until 5 o'clock should come to the meeting as soon as convenient. Gage, Collins, and Stam, all of whom wrote lyrics for previous Tech Shows will speak at this meeting.

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\* \* \*  
EMPTY feeling that you have

\* \* \*  
WHEN you go home after a hard

\* \* \*  
DAY'S work at the Institute—

\* \* \*  
A feeling that there's something

\* \* \*  
VITAL lacking in your

\* \* \*  
CURRICULUM—like an Economics

\* \* \*  
COURSE without lectures—you

\* \* \*  
FEEL as if you've been

\* \* \*  
MISSING some sleep.

\* \* \*  
THESE are the symptoms of

\* \* \*  
BROWNBAGERRITIS—and there's

\* \* \*  
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\* \* \*  
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## Notices and Announcements

### OFFICIAL

#### TECHNIQUE

Informal snapshots for Technique wanted. Address Features Editor, 1925 Technique, Room 308, Walker.

#### FRENCH

R. M. Treuil of the Ecole Polytechnique will give a course in French Language on Tuesdays, Thursdays and Saturdays at 12:00 in room 2-136. Applicants leave cards with Professor Langley.

#### UNDERGRADUATE

##### PI DELTA EPSILON

There will be a meeting of Pi Delta Epsilon in Riverbank Court Hotel on Tuesday, January 13, at 6:30 o'clock Formal attire.

#### 5.942 RECENT DEVELOPMENTS IN SCIENCE

The eleventh meeting will be held on Thursday, January 15, at 4:00 in room 10-250. Mr. G. S. Brush, M. I. T. '09, Vice-President of the Ballard Oil Burning Equipment Co., will talk on The Oil Burning Industry.

#### INFORMAL DORM DANCE

An informal Dorm Dance will be held in Walker, January 16, at 8. Admission \$2.

#### BOOK EXCHANGE

Men having in their possession text books called for in the General Bulletin and desiring to sell the same at two-thirds the price paid may do so at the T. C. A. Book Exchange.

#### CREW DINNER

A crew dinner will be held in north hall, Walker, on Tuesday, January 13 at 6:30. All candidates for upper class crews are invited. Dinner \$1.

#### AERO SOCIETY

Aero-Society smoker will be held this Wednesday, January 14, at 7:30 in room 5-330. Warren Noble, prominent internal combustion engineer, will speak on "Aero engines." The customary smokes will be distributed.

#### FENCING TEAM

The second competition for places on the Foil Team will take place today at 4:45 o'clock and the second Duelling Sword competition is set for Thursday.

#### SENIOR PICTURES

All Senior pictures must be taken in the studio in room 3-410 before next Monday. Studio opened daily every day this week.

### TECH BLOTTER

Competition is now starting for the 1925 blotter staff. The general manager of the 1926 blotter will be chosen from this staff next fall. Sign up on the T. C. A. office bulletin board in Walker. Everyone eligible.



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